SPI **CRS**

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ACME RESINS					PDE															
ADVANCE COATINGS		PD																		
A & E PLASTIK PAK											PDE									
AIR PRODUCTS & CHEMICALS																PDE	DE	PDE		
ALLIED CORPORATION							PDE								PDE					
ALPHA CHEMICAL CORPORATION		PDE																		
AMERICAN CYANAMID COMPANY			PDE	PDE																
AMERICAN HOECHST CORP.- PLASTICS DIVISION							PDE				PDE									
AMERICAN HOECHST CORP.- SOU-TEX DIVISION				PD																
AMETEK, HAVEG DIVISION					PD															
AMERICAN SYNTHETIC RUBBER												PD								
AMOCO CHEMICAL CORPORATION							PDE	PDE			PDE									
ANDERSON DEVELOPMENT CO.														PD						
ARCO CHEMICAL							PDE	PDE			PDE			PDE						
ASHLAND CHEMICAL COMPANY		PDE			PDE															
AZS CORPORATION		PD																		
BADISCHE COMPANY															PD					
BASF WYANDOTTE											PD									
BELDING CHEMICAL INDUSTRIES															PD					

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
BENDIX CORPORATION					PD															
BORDEN CHEMICAL COMPANY			PDE	PD	PDE											PDE	D			
BORG-WARNER CHEMICALS									PDE											
CARGILL, INC.		PD																		
CELANESE CHEMICAL COMPANY																	D			
CELANESE ENGINEERING RESINS	PDE		PD	PD											PDE					PDE
CERTAIN-TEED PRODUCTS CORP.																PD				
CHEMBOND CORPORATION			PD	PD	PDE															
CHEMPLEX COMPANY						PDE	PDE													
CIBA-GEIGY CORP.	PDE																			
CONOCO CHEMICALS COMPANY																PDE				
COOK PAINT & VARNISH COMPANY		PD																		
COSDEN OIL & CHEMICAL COMPANY											PDE									
CUSTOM RESINS, INC.															PD					
DAN RIVER, INC.			PD	PD																
DOW CHEMICAL COMPANY	PDE	PDE				PDE	PDE		PDE	PDE	PDE	PD	PD	PDE					PDE	
E.I. DU PONT DE NEMOURS AND COMPANY						PDE	PDE							PD	PDE		DE	PDE	PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE		PDE												PDE
EL PASO CHEMICAL						PDE		PDE												

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																			
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ETHYL CORPORATION																PDE				
EXXON CHEMICAL, USA						PDE	DE	PDE												
FORMICA CORPORATION				PD	PD															
FORMOSA PLASTICS																PD				
FREEMAN CHEMICAL CORPORATION		PD																		
H.B. FULLER COMPANY																	DE			
GAF CORPORATION																				PDE
LAMINATING PRODUCTS DEPARTMENT GENERAL ELECTRIC COMPANY					PD															
PLASTICS DEPARTMENT GENERAL ELECTRIC COMPANY																				PDE
GENERAL TIRE & RUBBER												PD	PD			PD				
GEORGIA-PACIFIC CORPORATION			PDE		PDE											PDE				
GLIDDEN COATINGS AND RESINS DIV. OF SCM		PD																		
B.F. GOODRICH CHEMICAL COMPANY										PDE				PDE		PDE			PDE	
GOODYEAR CHEMICAL DIVISION												PD	PD	PDE		PDE				PDE
DEWEY & ALMY DIVISION W.R. GRACE & COMPANY												PD	PD				D		PDE	
GRIFFTEX CHEMICALS			PD	PD																
GUARDSMAN CHEMICALS, INC			PD	PD																

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
GULF OIL CHEMICALS COMPANY, INC.						PDE	PDE	PDE			PDE									
HERCULES, INC.							PDE							PDE						
HIMONT USA, INC.								PDE												
HOECHST FIBERS INDUSTRIES																				PDE
HUNTSMAN CHEMICAL CORPORATION											PD									
ICI AMERICAS		PDE																		
INLAND STEEL CONTAINER					PD															
INMONT CORPORATION		PD			PD															
INTERPLASTIC CORPORATION		PD																		
IRONSIDES RESINS, INC.					PD															
KESCO CORPORATION			PD		PDE															
KEYSOR-CENTURY CORPORATION																PD				
KOPPERS COMPANY		PD			PDE															
MAPLECHEM, INC.			PD	PD																
MASONITE CORPORATION					PD															
MOBIL CHEMICAL COMPANY						PDE					PDE									
MONSANTO COMPANY			PDE	PDE	PDE				PDE	PDE	PDE		PD	PDE	PDE		DE	PDE	PDE	
MORTON INDUSTRIES	PDE												PD						PDE	

SPI CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																			
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	BS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
NATIONAL PETRO CHEMICALS							PD													
NATIONAL STARCH & CHEMICALS CORP																	D			
NORTHERN PETROCHEMICAL						PDE		PDE												
NYCOA CORPORATION OF AMERICA															PD					
OCCIDENTAL CHEMICAL CORP					PDE											PDE				
OWENS-CORNING FIBERGLAS		PDE		PD	PD															
PERKINS INDUSTRIES, INC.			PD		PD															
PERSTORP U.S., INC.			PDE	PD																
PHILLIPS CHEMICAL COMPANY						DE	PDE	PDE						PDE						
PIONEER PLASTICS		PD	PD	PD	PD															
PLASLOK CORPORATION					PD															
PLASTICS ENGINEERING COMPANY					PDE															
PLASTICS MANUFACTURING CO.			PD	PD																
POLYMER APPLICATION, INC.					PD															
POLYREZ COMPANY, INC.					PDE															
POLYSAR LIMITED												PD	PD							
POLYSAR, INC.											PDE									
PPG INDUSTRIES, INC.		PD																		
RAYBESTOS DIVISION					PD															
REICHHOLD CHEMICALS, INC.	PDE	PDE	PDE	PDE	PDE							PD					D			

SPI   CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																			
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
RILSAN CORPORATION															PDE					
ROGERS CORPORATION					PDE															
ROHM AND HAAS COMPANY														PDE			D		PDE	PD
SHAKESPEARE COMPANY															PD					
SHELL CHEMICAL COMPANY	PDE	DE						PDE												
SHERWIN-WILLIAMS		PD																		
SHINTECH, INC																PDE				
SOHIO CHEMICAL CO		PDE																		
SOLTEX POLYMERS							PDE	PDE												
TENNECO CHEMICALS, INC.																PDE				
TEXSTYRENE PLASTICS											PD									
UNION CARBIDE CORPORATION	PDE				PDE	PDE	PDE										PDE			
UNION CHEMICAL												PD					D		PD	
UNIROYAL CHEMICAL					PDE															
U.S. INDUSTRIAL CHEMICAL						PDE	DE										D			
USS CHEMICALS		PDE						PDE												
VALCHEM: DIVISION OF UNITED MERCHANTS, INC.			PD																	
VALITE DIVISION OF VALENTINE SUGARS, INC.					PD															
VITITEK											PD									

SPI

CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
WELLMAN, INC.															PDE					
TOTAL 109	7	21	17	16	30	12	15	12	3	3	14	8	7	10	11	14	13	3	8	8

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The Society of the
Plastics Industry, Inc.

MonthlyStatisticalReport-Resins

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New York, New York 10017
(212) 573-9400

FOR THE MONTH AND PERIOD ENDED NOVEMBER, 1983

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

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RELEASE DATE: JANUARY 23, 1984
1983 ISSUE NO. 11

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

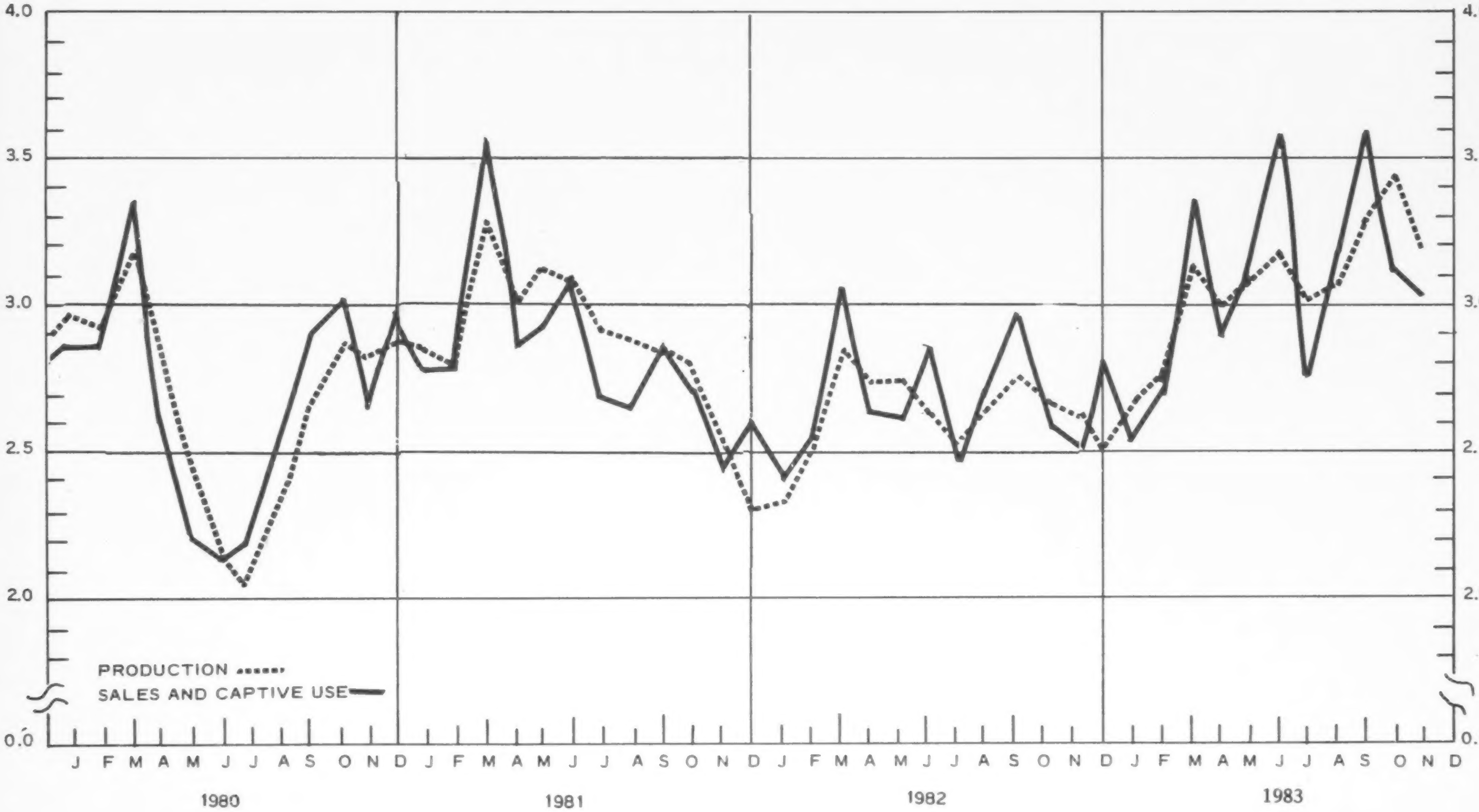
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

November, 1983



COMPILED BY **ERNST & WHINNEY**, NEW YORK, N. Y. FOR **SPI'S COMMITTEE ON RESIN STATISTICS (CRS).**

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis) (1)

CRS

NOVEMBER 1983

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	29,852	20,284	+47.2	304,795R	279,111	+9.2	33,307	21,142	+57.5	311,051	267,538	+16.3
POLYESTER *(UNSATURATED)* **RESINS, TOTAL**	91,612	64,421	+42.2	989,443R	792,888	+24.8	91,303	64,816	+40.9	1,001,770R	804,678	+24.5
UREA RESINS, TOTAL	91,260	78,848	+15.7	1,072,504	892,621	+20.2	92,134	80,114	+15.0	1,077,720	912,833	+18.1
MELAMINE RESINS, TOTAL	15,579	12,230	+27.4	168,467	142,968	+17.8	15,316	11,799	+29.8	168,222	145,700	+15.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	199,112	176,519	+12.8	2,303,737R	1,889,820	+21.9	197,901	175,651	+12.7	2,267,357R	1,843,877	+23.0
THERMOSETTING RESINS, TOTAL	427,415	352,302	+21.3	4,838,946R	3,997,408	+21.1	429,961	353,522	+21.6	4,826,120R	3,974,626	+21.4
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	635,347	607,064	+4.7	7,240,852	6,940,218	+4.3	706,409	638,867	+10.6	7,411,029	6,852,432	+8.2
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	453,032	403,639	+12.2	5,212,950	4,482,455	+16.3	496,293	409,702	+21.1	5,262,836	4,502,700	+16.9
POLYPROPYLENE, TOTAL	381,685	273,547	+39.5	4,059,150	3,292,762	+23.3	401,372	314,752	+27.5	4,068,799	3,186,920	+27.7
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* **RESINS, TOTAL**	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE *(SAN)* **RESINS, TOTAL**	7,970	6,275	+27.0	83,805	76,286	+9.9	7,374	6,083	+21.2	89,177	85,292	+4.6
OTHER STYRENE BASED POLYMERS, TOTAL *40% or more styrene* (3)	108,549	68,373	+58.8	1,135,072	805,892	+40.8	90,308	63,474	+42.3	1,078,369	810,657	+33.0
POLYSTYRENE, TOTAL	319,843	247,441	+29.3	3,322,118R	2,941,975	+12.9	336,874	251,004	+34.2	3,270,354R	2,964,840	+10.3
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated* (4)	61,290	41,647	n.c.	647,068	459,871	n.c.	64,742	41,585	n.c.	650,353	466,340	n.c.
NYLON RESINS, TOTAL	31,990	18,935	+68.9	300,604	231,689	+29.7	32,950	13,816	+138.5	292,385	212,693	+37.5
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, **TOTAL**	446,081	423,964	+5.2	5,651,564	5,040,570	+12.1	476,464	427,641	+11.4	5,668,885	4,931,935	+14.9
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	57,219	43,427	+31.8	636,088R	525,157	+21.1	57,219	43,427	+31.8	636,088	525,157	+21.1
POLYVINYL ALCOHOL, TOTAL #	11,377	D		124,069	D		9,840	D		118,535	D	
OTHER VINYL RESINS, TOTAL	15,654	12,906	+21.3	161,773	155,596	+4.0	17,708	12,982	+36.4	169,694	165,716	+2.4
THERMOPLASTIC POLYESTER, TOTAL	71,209	49,709	+43.3	715,321	567,380	+26.1	69,796	49,537	+40.9	702,962	589,166	+19.3
THERMOPLASTIC RESINS, TOTAL	2,601,246	2,196,927	+18.4	29,290,439R	25,519,851	+14.8	2,767,349	2,272,870	+21.8	29,419,487	25,293,848	+16.3
GRAND TOTAL	3,028,661	2,549,229	+18.8	34,129,385R	29,517,259	+15.6	3,197,310	2,626,392	+21.7	34,245,607R	29,268,474	+17.0

D = Disclosure
R = Revision

(1) *Except phenolic resins which are reported on a gross weight basis.*

COMPILED BY **ERNST & WHINNEY**, NEW YORK, N. Y. FOR **SPI'S COMMITTEE ON RESIN STATISTICS (CRS)**

(3) = Includes ABS
(4) = Includes Styrene-Butadiene Latexes
= Includes imputed data

n.c.-not comparable due to participation changes in 1983.

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In metric tons, dry weight basis) (1)

CRS

NOVEMBER 1983

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	13,541	9,201	+47.2	138,254R	126,604	+9.2	15,108	9,590	+57.5	141,092	121,354	+16.3
POLYESTER *(UNSATURATED)* RESINS, TOTAL	41,555	29,221	+42.2	448,808R	359,652	+24.8	41,415	29,400	+40.9	454,400R	365,000	+24.5
UREA RESINS, TOTAL	41,395	35,765	+15.7	486,485	404,890	+20.2	41,792	36,339	+15.0	488,851	414,058	+18.1
MELAMINE RESINS, TOTAL	7,067	5,547	+27.4	76,416	64,850	+17.8	6,947	5,352	+29.8	76,305	66,089	+15.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	90,317	80,068	+12.8	1,044,968R	857,217	+21.9	89,767	79,675	+12.7	1,028,466R	836,377	+23.0
THERMOSETTING RESINS, TOTAL	193,875	159,802	+21.3	2,194,931R	1,813,213	+21.1	195,029	160,356	+21.6	2,189,114R	1,802,878	+21.4
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	288,191	275,362	+4.7	3,284,429	3,148,062	+4.3	320,425	289,788	+10.6	3,361,621	3,108,243	+8.2
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	205,494	183,089	+12.2	2,364,579	2,033,228	+16.3	225,117	185,840	+21.1	2,387,207	2,042,411	+16.9
POLYPROPYLENE, TOTAL	173,131	124,080	+39.5	1,841,218	1,493,587	+23.3	182,061	142,771	+27.5	1,845,595	1,445,577	+27.7
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	3,615	2,846	+27.0	38,014	34,603	+9.9	3,345	2,759	+21.2	40,450	38,688	+4.6
OTHER STYRENE BASED POLYMERS, TOTAL *40% or more styrene* (3)	49,237	31,014	+58.8	514,865	365,550	+40.8	40,963	28,792	+42.3	489,145	367,712	+33.0
POLYSTYRENE, TOTAL	145,080	112,238	+29.3	1,506,903R	1,334,471	+12.9	152,805	113,855	+34.2	1,483,423R	1,344,843	+10.3
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated* (4)	27,801	18,891	n.c.	293,508	208,596	n.c.	29,367	18,863	n.c.	294,998	211,530	n.c.
NYLON RESINS, TOTAL	14,511	8,589	+68.9	136,353	105,093	+29.7	14,946	6,267	+138.5	132,625	96,477	+37.5
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, TOTAL	202,341	192,309	+5.2	2,563,533	2,286,388	+12.1	216,123	193,977	+11.4	2,571,389	2,237,111	+14.9
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	25,954	19,698	+31.8	288,528R	238,210	+21.1	25,954	19,698	+31.8	288,491	238,210	+21.1
POLYVINYL ALCOHOL, TOTAL #	5,161	D		56,277	D		4,463	D		53,767	D	
OTHER VINYL RESINS, TOTAL	7,101	5,854	+21.3	73,382	70,578	+4.0	8,032	5,889	+36.4	76,973	75,168	+2.4
THERMOPLASTIC POLYESTER, TOTAL	32,300	22,548	+43.3	324,467	257,362	+26.1	31,659	22,470	+40.9	318,871	267,244	+19.3
THERMOPLASTIC RESINS, TOTAL	1,179,917	996,518	+18.4	13,286,056R	11,575,728	+14.8	1,255,260	1,030,969	+21.8	13,344,555R	11,473,214	+16.3
GRAND TOTAL	1,373,792	1,156,320	+18.8	15,480,987R	13,388,941	+15.6	1,450,289	1,191,325	+21.7	15,533,669R	13,276,092	+17.0

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

(3) = Includes ABS
(4) = Includes Styrene Butadiene Latexes

n.c.-not comparable due to changes in participation in 1983.

(1) *Except phenolic resins which are reported on a gross weight basis.*

D = Disclosure
R = Revision
# = Includes imputed data

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

NOVEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	29,852	20,284	+47.2	304,795R	279,111	+9.2	33,307	21,142	+57.5	311,051	267,538	+16.3
Total Exports	3,993	2,579	+54.8	31,671R	35,003	-9.5						
Total Domestic	25,859	17,705	+46.1	273,124R	244,108	+11.9						
Bonding & Adhesives	1,038	914	+13.6	14,407R	14,166	+1.7						
Flooring, Paving & Exposed Aggregate	1,547	1,198	+29.1	17,253R	16,735	+3.1						
Protective Coatings	11,431	8,474	+34.9	121,026R	114,057	+6.1						
Fiber Reinforced Laminates & Composites, Total	7,121	3,700	+92.5	67,351R	53,449	+26.0						
FRL & C for Printed Wiring Board	4,960	*		48,524R	*							
All Other FRL & C	2,161	*		18,827R	*							
Tooling, Casting & Molding Resins	2,590	1,458	+77.6	25,728R	22,425	+14.7						
All Other Uses	2,132	1,961	+8.7	27,359R	23,276	+17.5						
POLYESTER *(UNSATURATED)* RESINS, TOTAL	91,612	64,421	+42.2	989,443R	792,888	+24.8	91,303	64,816	+40.9	1,001,770R	804,678	+24.5
Exports, Total	785	493	+59.2	9,442	7,540	+25.2						
Domestic, Total	90,827	63,928	+42.1	980,001R	785,348	+24.8						
General Purpose Resins, Total	80,614	56,079	+43.8	874,936R	689,937	+26.8						
General Purpose – Thixotropic	36,022	23,429	+53.7	408,545R	306,396	+33.3						
General Purpose – Press Molding	13,810	6,103	+126.3	130,761R	85,462	+53.0						
General Purpose – All Other	30,782	26,547	+16.0	335,630R	298,079	+12.6						
Flame Retardant Resins	1,991	1,916	+3.9	18,371R	19,515	-5.9						
Chemical Resistant Resins	8,222	5,933	+38.6	86,694R	75,896	+14.2						
Chemical Resistant Isophthalic Resins	5,160	3,792	+36.1	57,519R	52,148	+10.3						
All Other Chemical Resistant Resins	3,062	2,141	+43.0	29,175R	23,748	+22.9						
Reinforced Plastics, Total	70,025	47,583	+47.2	756,769R	584,890	+29.4						
Non-Reinforced Plastics, Total	20,802	16,345	+27.3	223,232R	200,458	+11.4						

COMPILED BY **ERNST & WHINNEY**, NEW YORK, N. Y. FOR **SPI'S COMMITTEE ON RESIN STATISTICS (CRS)**

* = Comparable 1982 data not available R = Revision

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis) (1)

THERMOSETTING RESINS

NOVEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
UREA RESINS, TOTAL	91,260	78,848	+15.7	1,072,504	892,621	+20.2	92,134	80,114	+15.0	1,077,720	912,833	+18.1
MELAMINE RESINS, TOTAL	15,579	12,230	+27.4	168,467	142,968	+17.8	15,316	11,799	+29.8	168,222	145,700	+15.5
UREA & MELAMINE RESINS, TOTAL	106,839	91,078	+17.3	1,240,971	1,035,589	+19.8	107,450	91,913	+16.9	1,245,942	1,058,533	+17.7
Total Exports	1,555	1,529	+1.7	19,286	15,567	+23.9						
Total Domestic	105,284	89,549	+17.6	1,221,685	1,020,022	+19.8						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	6,831	4,833	+41.3	67,875	62,114	+9.3	6,880	5,282	+30.3	78,230	61,901	+26.4
Molding Compounds	5,404	4,387	+23.2	62,222	42,169	+47.6	6.307	5,588	+12.9	66,572	45,442	+46.5
Bonding & Adhesive Resins for:	80,230	67,051	+19.7	938,127R	780,709	+20.2	81,270	67,824	+19.8	945,806R	792,434	+19.4
Laminating	3,302	2,171	+52.1	37,673R	25,580	+47.3	3,411	2,202	+54.9	37,648R	26,171	+43.9
Plywood	5,144	4,375	+17.6	58,210	59,426	-2.0	5,309	4,819	+10.2	58,774	60,785	-3.3
Fibrous & Granulated Wood (Particle Board)	71,784	60,505	+18.6	842,244	695,703	+21.1	72,550	60,803	+19.3	849,384	705,478	+20.4
Protective Coatings *(Straight & Modified)*	6,387	5,311	+20.3	70,415	60,089	+17.2	7,718	5,830	+32.4	81,605	71,358	+14.4
All Other Uses *(Includes Textile Treating & Coating Resins)*	6,432	7,967	-19.3	83,046R	74,941	+10.8	5,275	7,389	-28.6	73,729R	87,398	-15.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	199,112	176,519	+12.8	2,303,737R	1,889,820	+21.9	197,901	175,651	+12.7	2,267,357R	1,843,877	+23.0
Total Exports	1,004	986	+1.8	14,685R	14,237	+3.1						
Total Domestic	198,108	175,533	+12.9	2,289,052R	1,875,583	+22.0						
Molding Compounds	21,362	16,505	+29.4	212,489R	174,847	+21.5	22,279	18,485	+20.5	238,036R	186,236	+27.8
Bonding & Adhesive Resins for:	172,986	155,806	+11.0	2,032,245R	1,664,010	+22.1	171,862	153,940	+11.7	1,985,200R	1,618,861	+22.6
Laminating	13,170	10,829	+21.6	152,426R	118,068	+29.1	12,804	8,949	+43.1	132,567R	102,408	+29.4
Coated & Bonded Abrasives	1,841	1,773	+3.8	24,678R	23,778	+3.8	1,649	1,501	+9.9	23,687R	22,842	+3.7
Friction Materials	2,854	1,647	+73.3	29,464R	24,224	+21.6	3,045	1,742	+74.8	29,179R	24,026	+21.4
Insulation Materials	32,325	36,615	-11.7	324,867R	321,508	+1.0	32,010	35,738	-10.4	310,851R	305,542	+1.7
Foundry & Shell Molding	5,415	3,995	+35.5	57,031	51,652	+10.4	5,958	4,192	+42.1	59,367	52,983	+12.0
Plywood	97,390	83,585	+16.5	1,198,420	923,273	+29.8	96,442	84,548	+14.1	1,182,509	909,469	+30.0
Fibrous & Granulated Wood	13,226	11,583	+14.2	167,614	132,698	+26.3	12,948	10,969	+18.0	164,033	127,060	+29.1
Resins Sold to Rubber Industry	1,811	1,857	-2.5	23,818	20,828	+14.4	2,211	2,245	-1.5	26,820	22,402	+19.7
All Other	4,954	3,922	+26.3	53,927R	47,981	+12.4	4,815	4,056	+18.7	56,187R	52,129	+7.8
Protective Coatings – Unmodified & Modified	1,378	1,460	-5.6	16,791R	16,755	+0.2	1,205	1,563	-22.9	16,708R	17,962	-7.0
# Resins Sold to Rubber Industry, Non-Adhesive Uses	D	D		D	D		D	D		D	D	
All Other Uses #	2,382	1,762	+35.2	27,527	19,971	+37.8	2,535	1,663	+52.4	27,413R	20,818	+31.7

(1) *Except phenolic resins which are reported on a gross weight basis.*

D = Disclosure
R = Revision

# = Due to Disclosure Problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

COMPILED BY **ERNST & WHINNEY**, NEW YORK, N.Y. FOR **SPI'S COMMITTEE ON RESIN STATISTICS (CRS)**

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

NOVEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	635,347	607,064	+4.7	7,240,852	6,940,218	+4.3	706,409	638,867	+10.6	7,411,029	6,852,432	+8.2
Exports, Total	68,817	65,990	+4.3	819,005	1,063,216	-23.0						
Domestic, Total	566,530	541,074	+4.7	6,421,847	5,877,002	+9.3						
Film *(12 Mils & Below)*	364,907	357,734	+2.0	4,202,925	3,773,104	+11.4						
Sheet *(Over 12 Mils)*	D(3)	D(3)		D(3)	D(3)							
Injection Molding	41,567	44,811	-7.2	558,435	455,294	+22.7						
Wire & Cable	28,940	21,171	+36.7	265,238	258,024	+2.8						
Extrusion Coating	48,727	45,903	+6.2	520,338	488,557	+6.5						
Blow Molding	3,716	3,226	+15.2	39,466	38,571	+2.3						
Pipe & Conduit, Total	D(1)	D(1)		D(1)	D(1)							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	7,156	3,315	+115.9	80,307	40,418	+98.7						
All Other Uses	71,517	64,914	+10.2	755,138	823,034	-3.2						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	453,032	403,639	+12.2	5,212,950	4,482,455	+16.3	496,293	409,702	+21.1	5,262,836	4,502,700	+16.9
Exports, Total	71,182	66,581	+6.9	935,794	582,652	+60.6						
Domestic, Total	381,850	337,058	+13.3	4,277,156	3,899,803	+9.7						
Film *(12 Mils & Below)*	27,271	24,433	+11.6	315,041	251,783	+25.1						
Sheet *(Over 12 Mils)*	6,783	5,291	+28.2	67,940	58,269	+16.6						
Injection Molding	96,752	87,948	+10.0	1,069,874	986,779	+8.4						
Wire & Cable	9,391	9,704	-3.2	121,262	103,513	+17.1						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	149,566	135,560	+10.3	1,651,025	1,560,957	+5.8						
Pipe & Conduit, Total	35,565	22,729	+56.5	436,792	345,691	+26.4						
Corrugated Pipe & Conduit	14,851	*		196,169	*							
Non-Corrugated Pipe & Conduit	20,714	*		240,623	*							
Other Extruded Products	4,168	3,571	+16.7	37,706	36,797	+2.5						
All Other Uses	52,354	47,822	+9.5	577,516	556,014	+3.9						

COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESINS STATISTICS (CRS)

D = Disclosure

(1) = Included in All Other Uses
(2) = Included in Other Extruded Products
(3) = Included in Film

* = Comparable 1982 data not available

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

NOVEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
POLYPROPYLENE, TOTAL	381,685	273,547	+39.5	4,059,150	3,292,762	+23.3	401,372	314,752	+27.5	4,068,799	3,186,920	+27.7
Exports, Total	65,255	54,042	+20.7	730,981	617,077	+18.5						
Domestic, Total	316,430	219,505	+44.2	3,328,169	2,675,685	+24.4						
Injection Molding	108,985	85,258	+27.8	1,121,254	1,001,203	+12.0						
Appliances	9,051	5,666	+59.7	88,263	67,541	+30.7						
Consumer Products	23,690	21,413	+10.6	274,564	256,090	+7.2						
Rigid Packaging	29,779	25,203	+18.2	324,267	268,388	+20.8						
Transportation	29,159	17,609	+65.6	263,536	210,387	+25.3						
All Other Injection Molding	17,306	15,367	+12.6	170,624	198,797	-14.2						
Blow Molding	8,611	6,059	+42.1	81,723	62,558	+30.6						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film *(10 Mils & Below)*	26,171	22,721	+15.2	334,112	271,857	+22.9						
Sheet *(Over 10 Mils)*	2,517	1,932	+30.3	28,471	17,661	+61.2						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	107,303	68,028	+57.7	1,103,105	808,846	+36.4						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	7,870	5,769	+36.4	93,518	87,178	+7.3						
Resellers & Compounders	33,719	*		393,760	*							
All Other Uses	21,254	29,738	n.c.	172,226	426,382	n.c.						

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

# = Includes Ext. Coating, Wire & Cable, Pipe & Conduit

D = Disclosure
* = Comparable 1982 data not available
n.c. = Not comparable

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

NOVEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	7,970	6,275	+27.0	83,805	76,286	+9.9	7,374	6,083	+21.2	89,177	85,292	+4.6
Total Exports	1,779	464	+283.4	10,546	8,861	+19.0						
Total Domestic	6,191	5,811	+6.5	73,259	67,425	+8.7						
OTHER STYRENE BASES POLYMERS, TOTAL *40% or more styrene* (3)	108,549	68,373	+58.8	1,135,072	805,892	+40.8	90,308	63,474	+42.3	1,078,369	810,657	+33.0
Export, Total	14,474	4,772	+203.3	122,048	65,320	+86.8						
Domestic, Total	94,075	63,601	+47.9	1,013,024	740,572	+36.8						
Molding & Extrusion	89,235	*		957,346	*							
Coatings	4,840	*		55,678	*							
POLYSTYRENE RESINS, TOTAL	319,843	247,441	+29.3	3,322,118R	2,941,975	+12.9	336,874	251,004	+34.2	3,270,354R	2,964,840	+10.3
Straight Polystyrene	160,515	133,209	+20.5	1,715,748R	1,526,404	+12.4	163,082	132,497	+23.1	1,668,736R	1,541,463	+8.3
Rubber-Modified Polystyrene	159,328	114,232	+39.5	1,606,370	1,415,571	+13.5	173,792	118,507	+46.7	1,601,618	1,423,377	+12.5
Exports, Total	6,765	5,856	+15.5	72,932	88,688	-17.8						
Straight Polystyrene	4,192	2,992	+40.1	36,783	45,300	-18.8						
Rubber-Modified Polystyrene	2,573	2,864	-10.2	36,149	43,388	-16.7						
Domestic, Total	313,078	241,585	+29.6	3,249,186R	2,853,287	+13.9						
Molding	133,285	103,691	+28.5	1,396,926	1,256,911	+11.1						
Extrusion	115,079	82,782	+39.0	1,133,225	976,939	+16.0						
Expandable Polystyrene Beads	39,843	34,017	+17.1	409,160R	393,290	+4.0						
All Other Uses	24,871	21,095	+17.9	309,875R	226,147	+37.0						
Polystyrene End uses, Total **	313,078	241,585	+29.6	3,249,186R	2,853,287	+13.9						
Packaging	79,886	84,316	-5.3	820,312R	959,628	-14.5						
Disposables	47,947	*		448,755R	*							
Consumer and Institutional Products	45,492	44,643	+1.9	501,845R	582,136	-13.8						
Electrical/Electronics	25,804	20,540	+25.6	263,930R	258,098	+2.3						
Furniture, Furnishings, Building and Construction	15,162	14,807	+2.4	150,203R	165,326	-9.1						
Expandable Polystyrene Beads	39,843	34,017	+17.1	409,160	393,290	+4.0						
All Other End Uses	58,944	43,262	+36.2	654,981R	494,809	+32.4						

D = Disclosure
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(3) = Includes ABS

COMPILED BY **ERNST & WHINNEY**, NEW YORK, N.Y. FOR **SPI'S COMMITTEE ON RESINS STATISTICS (CRS)**

* = Comparable 1982 data not available

*** = Portions of the End Use Section are Estimated.*

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

NOVEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1962	% CHANGE	1983	1982	% CHANGE
STYRENE BUTADIENE LATEXES, TOTAL *carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED, LATEXES, TOTAL *50% or more styrene including butadiene latexes not carboxylated.*	D	D		D	D		D	D		D	D	
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL ***	61,290	41,647	n.c.	647,068	459,871	n.c.	64,742	41,585	n.c.	650,353	466,340	n.c.
Paper Treating	1,898	1,678	n.c.	25,741	22,864	n.c.						
Textile Treating	1,412	858	n.c.	18,069	11,909	n.c.						
Carpet Backing	25,703	17,210	n.c.	276,824	184,148	n.c.						
All Other Uses (Including Exports & Paper Coating)	32,277	21,901	n.c.	326,434	240,950	n.c.						
NYLON RESINS, TOTAL	31,990	18,935	+68.9	300,604	231,689	+29.7	32,950	13,816	+138.5	292,385	212,693	+37.5
Total Exports	2,346	1,420	+65.2	22,510	16,411	+37.2						
Total Domestic	29,644	17,515	+69.2	278,094	215,278	+29.2						
Injection Molding Grade	19,970	10,102	+97.7	179,270	129,828	+38.1						
Extrusion Grade	8,017	5,897	+36.0	79,078	66,519	+18.9						
Resellers and Compounders	1,112	1,213	-8.3	14,065	14,409	-2.4						
All Other Uses	545	303	+79.9	5,681	4,522	+25.6						

**** - Old disclosure rules apply for Styrene Butadiene Section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials see the back of the cover of the report.*

D = Disclosure
n.c. = Not comparable due to participation changes during 1983

COMPILED BY **ERNST & WHINNEY**, NEW YORK, N.Y. FOR **SPI'S COMMITTEE ON RESIN STATISTICS (CRS).**

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

NOVEMBER 1983

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
POLYVINYL CHLORIDE & COPOLYMERS *(Dry Resin Content)*, **TOTAL**	446,081	423,964	+5.2	5,651,564	5,040,570	+12.1	476,464	427,641	+11.4	5,668,885	4,931,935	+14.9
Homopolymer Resins including Blending and Latex	388,915	375,461	+3.6	5,033,106	4,457,634	+12.9	414,576	386,049	+7.4	5,063,567	4,374,526	+15.8
Copolymer Resins including Blending and Latex	23,611	22,488	+5.0	258,256	269,373	-4.1	26,227	13,681	+91.7	253,350	250,277	+1.2
Dispersion Resins	33,555	26,015	+29.0	360,202	313,563	+14.9	35,661	27,911	+27.8	351,968	307,132	+14.6
Total Exports	41,259	40,776	+1.2	482,939	523,385	-7.7						
Total Domestic	404,822	383,188	+5.6	5,168,625	4,517,185	+14.4						
Calendering, Total	46,721	41,621	+12.3	630,391	548,268	+15.0						
Flooring	13,581	11,649	+16.6	143,873	137,950	+4.3						
Textile	6,717	5,418	+24.0	96,565	56,792	+70.0						
All Other Calendering Uses	26,423	24,554	+7.6	389,953	353,526	+10.3						
Coating, Total	30,916	21,768	+42.0	328,055	246,112	+33.3						
Flooring	11,893	9,557	+24.4	134,031	91,558	+46.4						
Textile & Paper Coating	10,229	6,608	+54.8	107,665	79,854	+34.8						
Protective Coatings	3,685	2,669	+38.1	41,307	35,522	+16.3						
Adhesives & All Other Coating Uses	5,109	2,934	+74.1	45,052	39,178	+15.0						
Extrusion, Total	237,036	242,894	-2.4	3,230,360	2,903,299	+11.3						
Wire & Cable	29,230	26,195	+11.6	317,319	300,739	+5.5						
Film & Sheet	22,256	25,046	-11.1	280,052	286,325	-2.2						
Rigid Pipe & Tubing *(Except Fittings)*	144,903	155,450	-6.8	2,114,106	1,879,085	+12.5						
All Other Extrusions	40,647	36,203	+12.3	518,883	437,150	+18.7						
Molding, Total	38,745	34,241	+13.2	390,834	326,888	+19.6						
Bottles	18,113	9,981	+81.5	149,148	94,223	+58.3						
Sound Records	6,420	12,829	-50.0	73,274	99,538	-26.4						
Fittings *(Rigid Pipe & Tubing)*	7,824	7,038	+11.2	96,960	89,313	+8.6						
All Other Molding	6,388	4,393	+45.4	71,452	43,814	+63.1						
Paste Processes *(Except Coating)*	13,554	14,777	-8.3	149,071	159,229	-6.4						
Plastisol Formulation	7,316	8,534	-14.3	87,200	78,077	+11.7						
All Other	6,238	6,243	0.0	61,871	81,152	-23.8						
Resellers & Compounders	20,726	12,215	+69.7	183,503	132,717	+38.3						
All Other Uses	17,124	15,672	+9.3	256,411	200,672	+27.8						

COMPILED BY **ERNST & WHINNEY**, NEW YORK, N.Y. FOR **SPI'S COMMITTEE ON RESIN STATISTICS (CRS)**

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

NOVEMBER 1983

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	57,219	43,427	+31.8	636,088R	525,157	+21.1						
Total Exports	374	461	-18.9	5,540R	5,583	-0.8						
Total Domestic	56,845	42,966	+32.3	630,548R	519,574	+21.4						
Emulsion Paints	14,734	12,747	+15.6	196,010R	152,050	+28.9						
Adhesives, Caulks and Sealants	25,000	17,453	+43.2	253,325R	216,115	+17.2						
Paper Treating & Paper Coating	10,318	7,838	+31.6	107,081R	86,710	+23.5						
Textile Treating	2,139	1,041	+105.5	20,744	16,397	+26.5						
Non-Woven Binders	2,538	2,152	+17.9	28,467R	24,139	+17.9						
All Other Uses	2,116	1,735	+22.0	24,921R	24,163	+3.1						
POLYVINYL ALCOHOL, TOTAL #	11,377	D		124,069	D		9,840	D		118,535	D	
Total Exports	1,987	D		21,232	D							
Total Domestic	9,390	D		102,837	D							
OTHER VINYL RESINS*, TOTAL	15,654	12,906	+21.3	161,778	155,596	+4.0	17,708	12,982	+36.4	169,694	165,716	+2.4
Total Exports	3,518	2,508	+40.3	36,699	33,941	+8.1						
Total Domestic	12,136	10,398	+16.7	125,079	121,655	+2.8						
**Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride.*												
THERMOPLASTIC POLYESTER, TOTAL	71,209	49,709	+43.3	715,321	567,380	+26.1	69,796	49,537	+40.9	702,983	589,166	+19.3
Total Exports	5,894	6,218	-5.2	82,566	45,037	+83.3						
Total Domestic	65,315	43,491	+50.2	632,755	522,343	+21.1						
PET Bottle Grades	48,209	35,088	+37.4	466,875	414,311	+12.7						
All Other Thermoplastic Polyester **	17,106	8,403	+103.6	165,880	108,032	+53.5						

** Includes All Other PET and All Injection Molding Grades.

# = Includes imputed data
R = Revision
D = Disclosure

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

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**The Society of the
Plastics Industry, Inc.**

MonthlyStatisticalReport-Resins

355 Lexington Avenue
New York, New York 10017
(212) 573-9400

FOR THE MONTH AND PERIOD ENDED December, 1983

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

Issue No. 12
RELEASE DATE: February 16, 1984

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

**SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY**

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The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

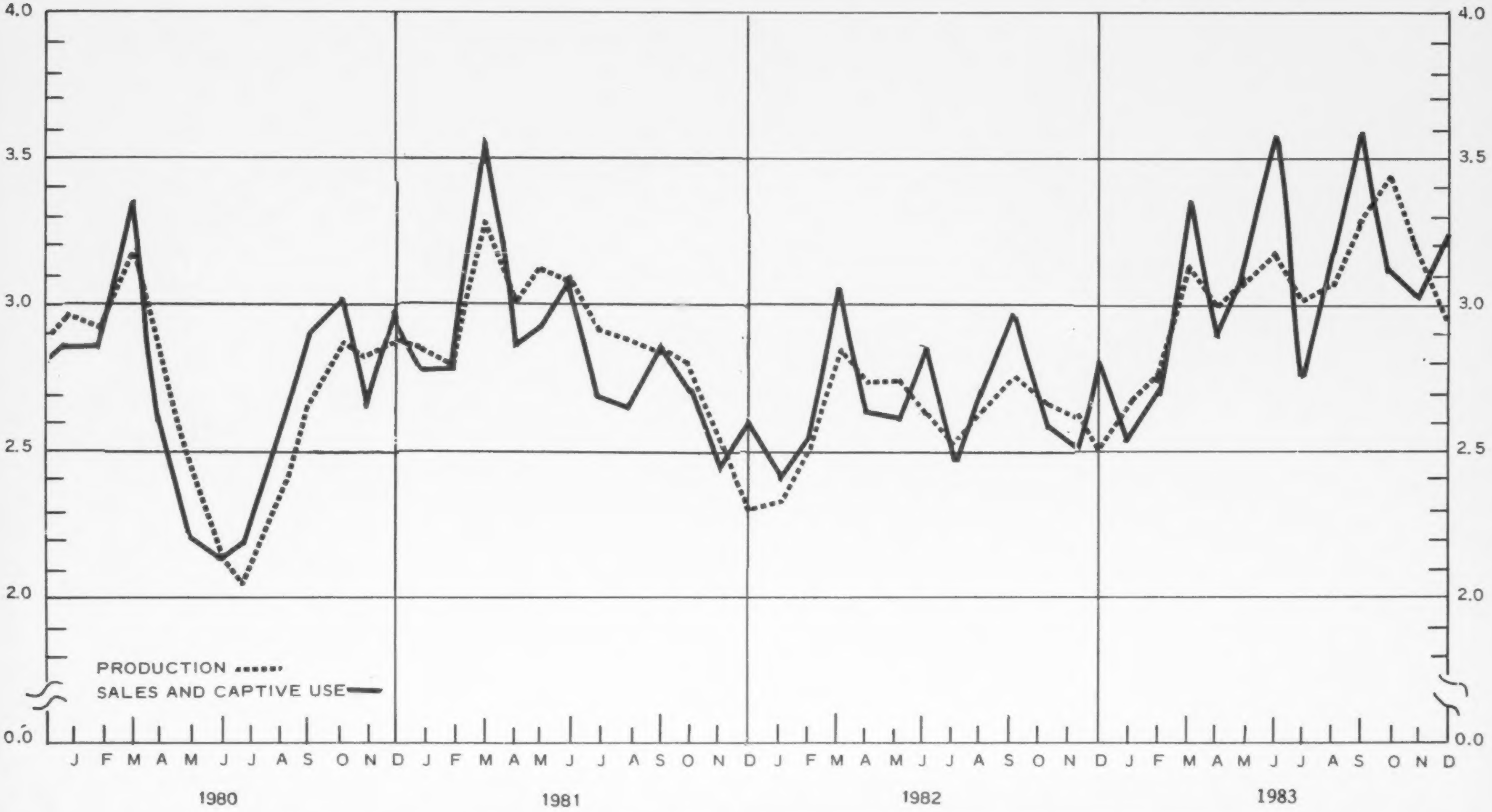
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

December, 1983



COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SPI

CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis) (1)

DECEMBER 1983

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	27,229	21,971	+23.9	330,669R	301,082	+9.8	24,522	18,496	+32.6	334,146R	286,034	+16.8
POLYESTER *(UNSATURATED)* **RESINS, TOTAL**	83,912	58,435	+43.6	1,072,231R	851,323	+25.9	83,778	60,571	+38.3	1,084,424R	865,249	+25.3
UREA RESINS, TOTAL	95,871	83,466	+14.9	1,166,809	976,087	+19.5	96,310	84,955	+13.4	1,171,739	997,788	+17.4
MELAMINE RESINS, TOTAL	13,686	11,902	+15.0	181,316	154,870	+17.1	12,565	11,968	+5.0	180,171	157,668	+14.3
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	211,822	170,363	+24.3	2,515,767R	2,060,183	+22.1	207,960	162,007	+28.4	2,476,654R	2,005,884	+23.5
THERMOSETTING RESINS, TOTAL	432,520	346,137	+25.0	5,266,792R	4,343,545	+21.3	425,135	337,997	+25.8	5,247,134R	4,312,623	+21.7
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	785,921	746,405	+5.3	8,045,351R	7,686,623	+4.7	658,782	650,209	+1.3	8,041,281R	7,502,641	+7.2
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	489,841	541,270	-9.5	5,688,694R	5,023,725	+13.2	426,153	425,099	+0.2	5,688,989	4,927,799	+15.4
POLYPROPYLENE, TOTAL	404,104	330,020	+22.4	4,464,070	3,622,782	+23.2	363,992	290,450	+25.3	4,433,034	3,477,370	+27.5
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* **RESINS, TOTAL**	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE *(SAN)* **RESINS, TOTAL**	7,562	8,969	-15.7	91,367	85,255	+7.2	5,983	5,774	+3.6	92,877R	91,066	+2.0
OTHER STYRENE BASED POLYMERS, TOTAL *40% or more styrene* (3)	99,372	63,755	+55.9	1,234,444	869,647	+41.9	108,197	58,930	+83.6	1,186,566	869,587	+36.5
POLYSTYRENE, TOTAL	288,944	257,914	+12.0	3,609,436R	3,199,889	+12.8	303,248	225,804	+34.3	3,569,502R	3,190,644	+11.9
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated* (4)	51,726	44,390	n.c.	698,794	504,261	n.c.	51,320	43,820	n.c.	701,673	510,160	n.c.
NYLON RESINS, TOTAL	28,688	15,293	+87.6	329,292R	246,982	+33.3	28,333	15,081	+87.9	320,718R	227,774	+40.8
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT),* **TOTAL**	500,367	414,832	+20.6	6,151,879R	5,455,402	+12.8	398,108	393,989	+1.0	6,067,327R	5,325,924	+13.9
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	53,649	42,666	+25.7	689,737	567,823	+21.5	53,649	42,666	+25.7	689,737	567,823	+21.5
POLYVINYL ALCOHOL, TOTAL #	11,988	D		136,057	D		13,641	D		132,176	D	
OTHER VINYL RESINS, TOTAL	16,292	11,099	+46.8	177,844	166,695	+6.7	15,864	11,509	+37.8	185,558	177,225	+4.7
THERMOPLASTIC POLYESTER, TOTAL	64,339	51,326	+25.4	783,277R	618,706	+26.6	66,747	58,560	+14.0	777,792R	647,726	+20.1
THERMOPLASTIC RESINS, TOTAL	2,802,793	2,527,939	+10.9	32,100,242R	28,047,790	+14.4	2,494,017	2,221,891	+12.2	31,887,230R	27,515,739	+15.9
GRAND TOTAL	3,235,313	2,874,076	+12.6	37,367,034R	32,391,335	+15.4	2,919,152	2,559,888	+14.0	37,134,364R	31,828,362	+16.7

D = Disclosure
R = Revision
(1) *Except phenolic resins which are reported on a gross weight basis.*

COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

(3) = Includes ABS
(4) = Includes Styrene-Butadiene Latexes
# = Includes imputed data
n.c. = Not comparable due to participation changes in 1983

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use, Actual Production of PVAc is significantly higher than that shown here.*

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In metric tons, dry weight basis) (1)

CRS

DECEMBER 1983

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	12,351	9,966	+23.9	149,990	136,570	+9.8	11,123	8,390	+32.6	151,566	129,744	+16.8
POLYESTER *(UNSATURATED)* **RESINS, TOTAL**	38,062	26,506	+43.6	486,361	386,157	+25.9	38,001	27,475	+38.3	491,891	392,474	+25.3
UREA RESINS, TOTAL	43,487	37,860	+14.9	529,261	442,750	+19.5	43,686	38,535	+13.4	531,497	452,594	+17.4
MELAMINE RESINS, TOTAL	6,208	5,399	+15.0	82,244	70,248	+17.1	5,699	5,429	+5.0	81,726	71,518	+14.3
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	96,082	77,276	+24.3	1,141,144	934,493	+22.1	94,330	73,486	+28.4	1,122,404	909,863	+23.5
THERMOSETTING RESINS, TOTAL	196,190	157,007	+25.0	2,389,000	1,970,218	+21.3	192,839	153,315	+25.8	2,380,084	1,956,193	+21.7
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	356,491	338,567	+5.3	3,649,347	3,486,629	+4.7	298,822	294,933	+1.3	3,647,501	3,403,176	+7.2
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	222,190	245,518	-9.5	2,580,375	2,278,747	+13.2	193,302	192,824	+0.2	2,580,508	2,235,235	+15.4
POLYPROPYLENE, TOTAL	183,301	149,696	+22.4	2,024,889	1,643,283	+23.2	165,106	131,747	+25.3	2,010,811	1,577,325	+27.5
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* **RESINS, TOTAL**	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE *(SAN)* **RESINS, TOTAL**	3,430	4,068	-15.7	41,444	38,671	+7.2	2,714	2,619	3.6	42,129	41,308	+2.0
OTHER STYRENE BASED POLYMERS, TOTAL *40% or more styrene* (3)	45,075	28,919	+55.9	559,940	394,469	+41.9	49,078	26,730	+83.6	538,223	394,442	+36.5
POLYSTYRENE, TOTAL	131,064	116,989	+12.0	1,637,229	1,451,460	+12.8	137,552	102,424	+34.3	1,619,115	1,447,267	+11.9
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated* (4)	23,463	20,135	n.c.	316,971	228,732	n.c.	23,279	19,877	n.c.	318,278	231,407	n.c.
NYLON RESINS, TOTAL	13,013	6,937	+87.6	149,366	112,030	+33.3	12,852	6,841	+87.9	145,477	103,318	+40.8
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, **TOTAL**	226,965	188,166	+20.6	2,790,474	2,474,554	+12.8	180,581	178,712	+1.0	2,752,121	2,415,823	+13.9
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	24,335	19,353	+25.7	312,863	257,563	+21.5	24,335	19,353	+25.7	312,863	257,561	+21.5
POLYVINYL ALCOHOL, TOTAL #	5,438	D		61,715	D		6,187	D		59,955	D	
OTHER VINYL RESINS, TOTAL	7,390	5,035	+46.8	80,669	75,613	+6.7	7,196	5,220	+37.8	84,168	80,389	+4.7
THERMOPLASTIC POLYESTER, TOTAL	29,184	23,282	+25.4	355,292	280,643	+26.6	30,276	26,563	+14.0	352,804	293,806	+20.1
THERMOPLASTIC RESINS, TOTAL	1,271,339	1,146,665	+10.9	14,560,574	12,722,394	+14.4	1,131,280	1,007,843	+12.2	14,463,953	12,481,057	+15.9
GRAND TOTAL	1,467,529	1,303,672	+12.6	16,949,574	14,692,612	+15.4	1,324,119	1,161,158	+14.0	16,844,037	14,437,250	+16.7

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

(3) = Includes ABS
(4) = Includes Styrene-Butadiene Latexes
n.c. = Not comparable due to participation changes in 1983

(1) *Except phenolic resins which are reported on a gross weight basis.*

D = Disclosure
# = Includes imputed data

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

COMPILED BY **ERNST & WHINNEY**, NEW YORK, N. Y. FOR **SPI'S COMMITTEE ON RESIN STATISTICS (CRS).**

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

DECEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	27,229	21,971	+23.9	330,669R	301,082	+9.8	24,522	18,496	+32.6	334,146R	286,034	+16.8
Total Exports	3,151	3,824	-17.6	34,832R	38,827	-10.3						
Total Domestic	24,078	18,147	+32.7	295,837R	262,255	+12.8						
Bonding & Adhesives	1,085	1,080	+0.5	15,413R	15,246	+1.1						
Flooring, Paving & Exposed Aggregate	1,452	1,460	-0.5	18,519R	18,195	+1.8						
Protective Coatings	11,034	7,830	+40.9	131,044R	121,887	+7.5						
Fiber Reinforced Laminates & Composites, Total	6,285	4,261	+47.5	73,659R	57,710	+27.6						
FRL & C for Printed Wiring Board	4,411	*		53,057R	*							
All Other FRL & C	1,874	*		20,602R	*							
Tooling, Casting & Molding Resins	2,192	1,676	+30.8	27,904R	24,101	+15.8						
All Other Uses	2,030	1,840	+10.3	29,293R	25,116	+16.6						
POLYESTER *(UNSATURATED)* RESINS, TOTAL	83,912	58,435	+43.6	1,072,231R	851,323	+25.9	83,778	60,571	+38.3	1,084,424R	865,249	+25.3
Exports, Total	646	484	+33.5	9,850R	8,024	+22.8						
Domestic, Total	83,266	57,951	+43.7	1,062,381R	843,299	+26.0						
General Purpose Resins, Total	73,347	49,664	+47.7	946,852R	739,601	+28.0						
General Purpose – Thixotropic	35,225	21,006	+67.7	442,600R	327,402	+35.2						
General Purpose – Press Molding	12,831	5,844	+119.6	143,514R	91,306	+57.2						
General Purpose – All Other	25,291	22,814	+10.9	360,738R	320,893	+12.4						
Flame Retardant Resins	1,828	1,893	-3.4	20,198R	21,408	-5.7						
Chemical Resistant Resins	8,091	6,394	+26.5	95,331R	82,290	+15.8						
Chemical Resistant Isophthalic Resins	5,115	4,247	+20.4	63,181R	56,395	+12.0						
All Other Chemical Resistant Resins	2,976	2,147	+38.6	32,150	25,895	+24.2						
Reinforced Plastics, Total	64,175	44,017	+45.8	818,808R	628,907	+30.2						
Non-Reinforced Plastics, Total	19,091	13,934	+37.0	243,573R	214,392	+13.6						

COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

* = Comparable 1982 data not available R = Revision

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis) (1)

THERMOSETTING RESINS

DECEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
UREA RESINS, TOTAL	95,871	83,466	+14.9	1,166,809R	976,087	+19.5	96,310	84,955	+13.4	1,171,739R	997,788	+17.4
MELAMINE RESINS, TOTAL	13,686	11,902	+15.0	181,316R	154,870	+17.1	12,565	11,968	+5.0	180,171R	157,668	+14.3
UREA & MELAMINE RESINS, TOTAL	109,557	95,368	+14.9	1,348,125R	1,130,957	+19.2	108,875	96,923	+12.3	1,351,910R	1,155,456	+17.0
Total Exports	1,922	1,296	+48.3	21,200R	16,863	+25.7						
Total Domestic	107,635	94,072	+14.4	1,326,925R	1,114,094	+19.1						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	6,997	5,969	+17.2	74,024R	68,083	+8.7	7,080	6,396	+10.7	84,876R	68,297	+24.3
Molding Compounds	5,548	5,430	+2.2	67,770R	47,599	+42.4	5,322	6,153	-13.5	71,894	51,595	+39.3
Bonding & Adhesive Resins for:	84,206	70,084	+20.2	1,021,640R	850,793	+20.1	84,623	69,673	+21.5	1,029,189R	862,107	+19.4
Laminating	3,027	1,844	+64.2	40,161R	27,424	+46.4	2,721	1,836	+48.2	39,830R	28,007	+42.2
Plywood	5,136	4,620	+11.2	63,357R	64,046	-1.1	5,147	4,552	+13.1	63,871R	65,337	-2.2
Fibrous & Granulated Wood (Particle Board)	76,043	63,620	+19.5	918,122R	759,323	+20.9	76,755	63,285	+21.3	925,488R	768,763	+20.4
Protective Coatings *(Straight & Modified)*	5,161	4,390	+17.6	75,691R	64,479	+17.4	6,032	5,588	+7.9	87,657R	76,946	+13.9
All Other Uses *(Includes Textile Treating & Coating Resins)*	5,723	8,199	-30.2	87,800R	83,140	+5.6	5,818	9,113	-36.2	78,294R	96,511	-18.9
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	211,822	170,363	+24.3	2,515,767R	2,060,183	+22.1	207,960	162,007	+28.4	2,476,654R	2,005,884	+23.5
Total Exports	1,356	1,032	+31.4	16,088R	15,269	+5.4						
Total Domestic	210,466	169,331	+24.3	2,499,679R	2,044,914	+22.2						
Molding Compounds	20,759	16,709	+24.2	231,907R	191,556	+21.1	21,499	16,053	+33.9	261,476R	202,289	+29.3
Bonding & Adhesive Resins for:	185,384	149,389	+24.1	2,218,376R	1,813,399	+22.3	182,310	143,774	+26.8	2,165,552R	1,762,635	+22.9
Laminating	12,463	9,431	+32.1	165,572R	127,499	+29.9	11,837	7,519	+57.4	144,170R	109,927	+31.2
Coated & Bonded Abrasives	2,479	1,479	+67.6	28,084R	25,257	+11.2	2,394	1,443	+65.9	27,202R	24,285	+12.0
Friction Materials	2,978	1,180	+152.4	32,442R	25,404	+27.7	2,974	1,029	+189.0	32,198R	25,055	+28.5
Insulation Materials	31,564	25,100	+25.8	355,324R	346,608	+2.5	30,219	24,172	+25.0	338,317R	329,714	+2.6
Foundry & Shell Molding	5,739	4,275	34.2	63,058R	55,927	+12.8	5,863	4,398	+33.3	65,500R	57,381	+14.1
Plywood	110,659	89,163	+24.1	1,309,461R	1,012,436	+29.3	109,145	86,954	+25.5	1,290,125R	996,423	+29.5
Fibrous & Granulated Wood	11,677	13,533	-13.7	178,677R	146,231	+22.2	11,129	13,289	-16.3	174,252R	140,349	+24.2
Resins Sold to Rubber Industry	2,632	1,723	+52.8	26,620R	22,551	+18.0	2,810	1,533	+83.3	30,219R	23,935	+26.3
All Other	5,193	3,505	+48.2	59,138R	51,486	+14.9	5,939	3,437	+72.8	63,569R	55,566	+14.4
Protective Coatings – Unmodified & Modified	1,554	1,263	+23.0	18,875R	18,018	+4.8	1,631	772	+111.3	19,468R	18,734	+3.9
# Resins Sold to Rubber Industry, Non-Adhesive Uses	D	D		D	D		D	D		D	D	
All Other Uses #	2,769	1,970	+40.6	30,521R	21,941	+39.1	2,520	1,408	+79.0	30,158R	22,226	+35.7

(1) *Except phenolic resins which are reported on a gross weight basis.*

D = Disclosure
R = Revision

# = Due to Disclosure Problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

COMPILED BY **ERNST & WHINNEY**, NEW YORK, N.Y. FOR **SPI'S COMMITTEE ON RESIN STATISTICS (CRS)**

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

DECEMBER 1983

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	785,921	746,405	+5.3	8,045,351R	7,686,623	+4.7	658,782	650,209	+1.3	8,041,281R	7,502,641	+7.2
Exports, Total	85,394	80,822	+5.7	918,749R	1,144,038	-19.7						
Domestic, Total	700,527	665,583	+5.3	7,126,602R	6,542,585	+8.9						
Film *(12 Mils & Below)*	463,700	454,114	+2.1	4,627,979R	4,227,218	+9.5						
Sheet *(Over 12 Mils)*	D(3)	D(3)		D(3)	D(3)							
Injection Molding	60,843	51,285	+18.6	657,323R	506,579	+29.8						
Wire & Cable	26,398	19,928	+32.5	309,824R	277,952	+11.5						
Extrusion Coating	54,813	55,029	-0.4	573,065R	543,586	+5.4						
Blow Molding	3,518	3,292	+6.9	42,361R	41,863	+1.2						
Pipe & Conduit, Total	D(1)	D(1)		D(1)	D(1)							
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	10,091	5,239	+92.6	91,549R	45,657	+100.5						
All Other Uses	81,164	76,696	+5.8	824,501R	899,730	-8.4						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	489,841	541,270	-9.5	5,688,694R	5,023,725	+13.2	426,153	425,099	+0.2	5,688,989	4,927,799	+15.4
Exports, Total	69,343	94,337	-26.5	1,000,756R	676,989	+47.8						
Domestic, Total	420,498	446,933	-5.9	4,687,938R	4,346,736	+7.8						
Film *(12 Mils & Below)*	35,760	35,978	-0.6	375,137R	287,761	+30.4						
Sheet *(Over 12 Mils)*	7,840	5,747	+36.4	75,780	64,016	+18.4						
Injection Molding	114,601	115,029	-0.4	1,188,356R	1,101,808	+7.9						
Wire & Cable	9,908	6,016	+64.7	111,889R	109,529	+2.2						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	154,268	152,954	+0.9	1,807,757R	1,713,911	+5.5						
Pipe & Conduit, Total	34,400	49,805	-30.9	470,681R	395,496	+19.0						
Corrugated Pipe & Conduit	11,029	*		207,198	*							
Non-Corrugated Pipe & Conduit	23,371	*		263,483R	*							
Other Extruded Products	4,123	4,361	-5.5	41,829	41,158	+1.6						
All Other Uses	59,598	77,043	-22.6	616,509R	633.057	-2.6						

D = Disclosure
R = Revision
* = Comparable 1982 data not available

COMPILED BY **ERNST & WHINNEY**, NEW YORK, N. Y. FOR **SPI'S COMMITTEE ON RESINS STATISTICS (CRS)**

(1) = Included in All Other Uses
(2) = Included in Other Extruded Products
(3) = Included in Film

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

DECEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
POLYPROPYLENE, TOTAL	404,104	330,020	+22.4	4,464,070R	3,622,782	+23.2	363,992	290,450	+25.3	4,433,034R	3,477,370	+27.5
Exports, Total	68,680	120,293	-42.9	800,243R	737,370	+8.5						
Domestic, Total	335,424	209,727	+59.9	3,663,827R	2,885,412	+27.0						
Injection Molding	108,871	71,469	+52.3	1,231,504R	1,072,672	+14.8						
Appliances	7,713	4,779	+61.4	96,185R	72,320	+33.0						
Consumer Products	25,710	16,718	+53.8	301,384R	272,808	+10.5						
Rigid Packaging	27,105	22,327	+21.4	351,372R	290,715	+20.9						
Transportation	31,122	14,531	+114.2	292,756R	224,918	+30.2						
All Other Injection Molding	17,221	13,114	+31.3	189,807R	211,911	-10.4						
Blow Molding	8,260	5,183	+59.4	90,231R	67,741	+33.2						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film *(10 Mils & Below)*	30,656	18,303	+67.5	363,692R	290,160	+25.3						
Sheet *(Over 10 Mils)*	4,639	1,090	+325.6	33,110	18,751	+76.6						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	117,650	56,935	+106.6	1,221,214R	865,781	+41.1						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	12,450	6,218	+100.2	105,835R	93,396	+13.3						
Resellers & Compounders	43,410	*		441,469R	*							
All Other Uses	9,488	50,529	n.c.	176,772R	476,911	n.c.						

COMPILED BY **ERNST & WHINNEY**, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

# = Includes Ext. Coating, Wire & Cable, Pipe & Conduit

D = Disclosure
R = Revision
* = Comparable 1982 data not available
n.c. = Not comparable

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

DECEMBER 1983

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* **RESINS, TOTAL**	D	D		D	D		D	D		D	D	
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE *(SAN)* **RESINS, TOTAL**	7,562	8,969	-15.7	91,367	85,255	+7.2	5,983	5,774	+3.6	92,877R	91,066	+2.0
Total Exports	969	1,162	-16.6	11,515	10,023	+14.9						
Total Domestic	6,593	7,807	-15.6	79,852	75,232	+6.1						
OTHER STYRENE BASES POLYMERS, TOTAL *40% or more styrene* (3)	99,372	63,755	+55.9	1,234,444	869,647	+41.9	108,197	58,930	+83.6	1,186,566	869,587	+36.5
Export, Total	10,558	6,401	+64.9	132,606	71,721	+84.9						
Domestic, Total	88,814	57,354	+54.9	1,101,838	797,926	+38.1						
Molding & Extrusion	83,426	*		1,040,772	*							
Coatings	5,388	*		61,066	*							
POLYSTYRENE RESINS, TOTAL	288,944	257,914	+12.0	3,609,436R	3,199,889	+12.8	303,248	225,804	+34.3	3,569,502R	3,190,644	+11.9
Straight Polystyrene	137,365	142,861	-3.8	1,851,263R	1,669,265	+10.9	143,175	119,842	+19.5	1,811,911	1,661,305	+9.1
Rubber-Modified Polystyrene	151,579	115,053	+31.7	1,758,173R	1,530,624	+14.9	160,073	105,962	+51.1	1,757,591R	1,529,339R	+14.9
Exports, Total	4,159	6,086	-31.7	77,091	94,774	-18.7						
Straight Polystyrene	1,517	2,328	-34.8	38,300	47,628	-19.6						
Rubber-Modified Polystyrene	2,642	3,758	-29.7	38,791	47,146	-17.7						
Domestic, Total	284,785	251,828	+13.1	3,532,345R	3,105,115	+13.8						
Molding	123,462	110,635	+11.6	1,518,099R	1,367,546	+11.0						
Extrusion	105,061	83,117	+26.4	1,238,949R	1,060,056	+16.9						
Expandable Polystyrene Beads	30,545	32,737	-6.7	439,705	426,027	+3.2						
All Other Uses	25,717	25,339	+1.5	335,592	251,486	+33.4						
Polystyrene End uses, Total **	284,785	251,828	+13.1	3,532,345R	3,105,115	+13.8						
Packaging	65,983	87,398	-24.5	893,731R	1,047,026	-14.6						
Disposables	47,572	*		477,878R	*							
Consumer and Institutional Products	42,403	47,505	-10.7	561,883R	629,641	-10.8						
Electrical/Electronics	22,818	18,776	+21.5	282,920R	276,874	+2.2						
Furniture, Furnishings, Building and Construction	14,297	13,292	+7.6	165,806R	178,618	-7.2						
Expandable Polystyrene Beads	30,545	32,737	-6.7	439,705	426,027	+3.2						
All Other End Uses	61,167	52,120	+17.4	710,422R	546,929	+29.9						

** = Portions of the End Use Section are Estimated.

D = Disclosure
R = Revision
(3) = Included in ABS

* = Comparable 1982 data not available

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESINS STATISTICS (CRS)

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

DECEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
STYRENE BUTADIENE LATEXES, TOTAL *carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED, LATEXES, TOTAL *50% or more styrene including butadiene latexes not carboxylated.*	D	D		D	D		D	D		D	D	
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL ***	51,726	44,390	n.c.	698,794	504,261	n.c.	51,320	43,820	n.c.	701,673	510,160	n.c.
Paper Treating	1,143	1,347	n.c.	26,884	24,211	n.c.						
Textile Treating	1,369	920	n.c.	19,438	12,829	n.c.						
Carpet Backing	21,825	15,313	n.c.	298,649	199,461	n.c.						
All Other Uses (Including Exports & Paper Coating)	27,389	26,810	n.c.	353,823	267,760	n.c.						
NYLON RESINS, TOTAL	28,688	15,293	+87.6	329,292R	246,982	+33.3	28,333	15,081	+87.9	320,718	227,774	+40.8
Total Exports	1,734	1,288	+34.6	24,244	17,699	+37.0						
Total Domestic	26,954	14,005	+92.5	305,048R	229,283	+33.0						
Injection Molding Grade	18,570	8,033	+131.2	197,840	137,861	+43.5						
Extrusion Grade	6,404	4,956	+29.2	85,482	71,475	+19.6						
Resellers and Compounders	1,288	728	+76.9	15,353	15,137	+1.4						
All Other Uses	692	288	+140.3	6,373R	4,810	+32.5						

*** - *Old disclosure rules apply for Styrene Butadiene Section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials see the back of the cover of the report.*

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n.c. = Not comparable due to changes in participation in 1983

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

DECEMBER 1983

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
POLYVINYL CHLORIDE & COPOLYMERS *(Dry Resin Content)*. **TOTAL**	500,367	414,832	+20.6	6,151,879R	5,455,402	+12.8	398,108	393,989	+1.0	6,067,327R	5,325,924	+13.9
Homopolymer Resins including Blending and Latex	436,512	367,538	+18.8	5,469,566R	4,825,172	+13.4	344,913	359,992	-4.2	5,408,814R	4,734,518	+14.2
Copolymer Resins including Blending and Latex	27,603	21,956	+25.7	285,859	291,329	-1.9	22,385	14,421	+55.2	275,735	264,698	+4.2
Dispersion Resins	36,252	25,338	+43.1	396,454	338,901	+17.0	30,810	19,576	+57.4	382,778	326,708	+17.2
Total Exports	47,954	42,342	+13.3	530,893	565,727	-6.2						
Total Domestic	452,413	372,490	+21.5	5,620,986R	4,889,675	+15.0						
Calendering, Total	53,321	45,398	+17.5	683,712	593,666	+15.2						
Flooring	16,394	11,422	+43.5	160,267	149,372	+7.3						
Textile	8,846	6,803	+30.0	105,411	63,595	+65.8						
All Other Calendering Uses	28,081	27,173	+3.3	418,034	380,699	+9.8						
Coating, Total	31,915	21,046	+51.6	359,970	267,158	+34.7						
Flooring	13,039	7,433	+75.4	147,070	98,991	+48.6						
Textile & Paper Coating	11,087	7,446	+48.9	118,752	87,300	+36.0						
Protective Coatings	3,621	2,938	+23.2	44,928	38,460	+16.8						
Adhesives & All Other Coating Uses	4,168	3,229	+29.1	49,220	42,407	+16.1						
Extrusion, Total	271,853	225,968	+20.3	3,502,161R	3,129,267	+11.9						
Wire & Cable	33,814	27,564	+22.7	351,133	328,303	+7.0						
Film & Sheet	29,663	25,286	+17.3	309,715	311,611	-0.6						
Rigid Pipe & Tubing *(Except Fittings)*	158,787	134,464	+18.1	2,272,841R	2,013,549	+12.9						
All Other Extrusions	49,589	38,654	+28.3	568,472	475,804	+19.5						
Molding, Total	41,016	37,206	+10.2	431,850	364,094	+18.6						
Bottles	17,003	9,078	+87.3	166,151	103,301	+60.8						
Sound Records	7,210	12,049	-40.2	80,484	111,587	-27.9						
Fittings *(Rigid Pipe & Tubing)*	10,229	9,879	+3.5	107,189	99,192	+8.1						
All Other Molding	6,574	6,200	+6.0	78,026	50,014	+56.0						
Paste Processes *(Except Coating)*	17,247	12,390	+39.2	166,318	171,619	-3.1						
Plastisol Formulation	9,951	6,665	+49.3	97,151	84,742	+14.6						
All Other	7,296	5,725	+27.4	69,167	86,877	-20.4						
Resellers & Compounders	18,798	14,575	+29.0	202,301	147,292	+37.3						
All Other Uses	18,263	15,907	+14.8	274,674	216,579	+26.8						

R = Revision

COMPILED BY **ERNST & WHINNEY**, NEW YORK, N.Y. FOR **SPI'S COMMITTEE ON RESIN STATISTICS (CRS)**

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

DECEMBER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	53,649	42,666	+25.7	689,737	567,823	+21.5						
Total Exports	250	498	-49.8	5,790	6,081	-4.8						
Total Domestic	53,399	42,168	+26.6	683,947	561,742	+21.8						
Emulsion Paints	13,521	11,420	+18.4	209,531	163,470	+28.2						
Adhesives, Caulks and Sealants	22,453	18,879	+18.9	275,778	234,994	+17.4						
Paper Treating & Paper Coating	10,251	7,475	+37.1	117,332	94,185	+24.6						
Textile Treating	1,860	853	+118.1	22,604	17,250	+31.0						
Non-Woven Binders	2,617	1,561	+67.6	31,084	25,700	+20.9						
All Other Uses	2,697	1,980	+36.2	27,618	26,143	+5.6						
POLYVINYL ALCOHOL, TOTAL #	11,988	D		136,057	D		13,641	D		132,176	D	
Total Exports	2,595	D		23,827	D							
Total Domestic	9,393	D		112,230	D							
OTHER VINYL RESINS*, TOTAL	16,292	11,099	+46.8	177,844R	166,695	+6.7	15,864	11,509	+37.8	185,558	177,225	+4.7
Total Exports	3,991	2,685	+48.6	40,680R	36,626	+11.1						
Total Domestic	12,301	8,414	+46.2	137,164R	130,069	+5.5						
**Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride.*												
THERMOPLASTIC POLYESTER, TOTAL	64,339	51,326	+25.4	783,277R	618,706	+26.6	66,747	58,560	+14.0	777,792R	647,726	+20.1
Total Exports	4,911	2,746	+78.8	85,993R	47,783	+80.0						
Total Domestic	59,428	48,580	+22.3	697,284R	570,923	+22.1						
PET Bottle Grades	42,887	41,402	+3.6	513,518R	455,713	+12.7						
All Other Thermoplastic Polyester**	16,541	7,178	+130.4	183,766R	115,210	+59.5						

** Includes All Other PET and All Injection Molding Grades.

# = Includes imputed data
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COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

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The Society of the
Plastics Industry, Inc.

Quarterly Statistical Report-Polyester Resins

355 Lexington Avenue
New York, New York 10017
(212) 573-9400

FOR THE QUARTER AND PERIOD ENDED
DECEMBER 31, 1983

PRODUCTION AND SALES & CAPTIVE USE OF POLYESTER RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y.

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RELEASE DATE: MARCH 21, 1984

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SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

SPI

SECTION I

CRS

QUARTERLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

FIRST QUARTER REVISED 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	FIRST QUARTER			YEAR-TO-DATE			FIRST QUARTER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
TOTAL POLYESTER *(Unsaturated)* RESINS												
Total Domestic	239,054	214,693	+11.4	239,054	214,693	+11.4	244,879	221,947	+10.3	244,879	221,947	+10.3
Reinforced Plastics, Total	182,300	161,886	+12.6	182,300	161,886	+12.6	186,745	168,546	+10.8	186,745	168,546	+10.8
Non-Reinforced Plastics, Total	56,754	52,807	+7.5	56,754	52,807	+7.5	58,134	53,401	+8.9	58,134	53,401	+8.9
DOMESTIC REINFORCED PLASTICS, TOTAL	182,300	161,886	+12.6	182,300	161,886	+12.6						
Marine and Marine Accessories, Total	46,122	41,281	+11.7	46,122	41,281	+11.7						
Transportation, Total	19,506	16,674	+17.0	19,506	16,674	+17.0						
Autos, Trucks, Buses, etc. Total	16,407	13,437	+22.1	16,407	13,437	+22.1						
Other Transportation	3,099	3,237	-4.3	3,099	3,237	-4.3						
Construction, Total	74,925	66,211	+13.2	74,925	66,211	+13.2						
General Construction	31,173	26,873	+16.0	31,173	26,873	+16.0						
Bathroom Components and Fixtures	18,595	16,674	+11.5	18,595	16,674	+11.5						
Corrosion Resistant and General Purpose Tanks, Pipes, etc.	25,157	22,664	+11.0	25,157	22,664	+11.0						
Electrical Generation, Transmission and Distribution, and Electronic Components, Total	5,287	4,371	+21.0	5,287	4,371	+21.0						
Consumer Goods, Total	19,324	14,570	+32.6	19,324	14,570	+32.6						
Major Appliances & Parts and Business Equipment Parts & Components	5,105	5,504	-7.3	5,105	5,504	-7.3						
Recreational Goods, Toys, Etc.	8,568	5,990	+4.3	8,568	5,990	+4.3						
Other Consumer Goods	5,651	3,076	+83.7	5,651	3,076	+83.7						
Gel Coats	8,933	7,771	+15.0	8,933	7,771	+15.0						
Other Reinforced, Total	8,203	11,008	-25.5	8,203	11,008	-25.5						
DOMESTIC NON-REINFORCED, TOTAL	56,754	52,807	+7.5	56,754	52,807	+7.5						
Castings, Total	27,753	28,707	-3.3	27,753	28,707	-3.3						
Furniture, Non-Reinforced	681	1,187	-42.6	681	1,187	-42.6						
Cultured Marble & Onyx	17,991	16,157	+11.4	17,991	16,157	+11.4						
Other	9,081	11,363	-20.1	9,081	11,363	-20.1						
Autobody Putty	13,848	11,668	+18.7	13,848	11,668	+18.7						
Surface and Protective Coatings	1,305	946	+38.0	1,305	946	+38.0						
Bonding and Adhesives	511	587	-13.0	511	587	-13.0						
Unsaturated Polyester Alkyd Resins	D(1)	D(1)		D(1)	D(1)							
Minebolt Anchor Resins	3,689	D(1)		3,689	D(1)							
Other Non-Reinforced, Total	9,648	10,899	n.c.	9,648	10,899	n.c.						

n.c. = Not comparable
(1) = Included in Other Non-Reinforced, Total

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure
0-5% imputation Reinforced Plastics

SECTION I

QUARTERLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

SECOND QUARTER REVISED 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SECOND QUARTER			YEAR-TO-DATE			SECOND QUARTER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
TOTAL POLYESTER *(Unsaturated)* RESINS												
Total Domestic	280,841	227,438	+23.5	519,895	442,131	+17.6	284,783	229,051	+24.3	529,662	450,998	+17.4
Reinforced Plastics, Total	217,985	170,121	+28.1	400,285	332,007	+20.6	221,049	173,244	+27.6	407,794	341,790	+19.3
Non-Reinforced Plastics, Total	62,856	57,317	+9.7	119,610	110,124	+8.6	63,734	55,807	+14.2	121,868	109,208	+11.6
DOMESTIC REINFORCED PLASTICS, TOTAL	217,985	170,121	+28.1	400,285	332,007	+20.6						
Marine and Marine Accessories, Total	59,510	44,912	+32.5	105,632	86,193	+22.6						
Transportation, Total	22,016	17,522	+25.6	41,522	34,196	+21.4						
Autos, Trucks, Buses, etc. Total	18,529	14,120	+31.2	34,936	27,557	+26.8						
Other Transportation	3,487	3,402	+2.5	6,586	6,639	-0.8						
Construction, Total	91,554	75,024	+22.0	166,479	141,235	+17.9						
General Construction	35,968	29,431	+22.2	67,141	56,304	+19.2						
Bathroom Components and Fixtures	23,978	20,415	+17.4	42,573	37,089	+14.8						
Corrosion Resistant and General Purpose Tanks, Pipes, etc.	31,608	25,178	+25.5	56,765	47,842	+18.7						
Electrical Generation, Transmission and Distribution, and Electronic Components, Total	7,412	3,743	+98.0	12,699	8,114	+56.5						
Consumer Goods, Total	19,401	12,759	+52.1	38,725	27,329	+41.7						
Major Appliances & Parts and Business Equipment Parts & Components	4,578	4,253	+7.6	9,683	9,757	-0.8						
Recreational Goods, Toys, Etc.	10,027	5,954	+68.4	18,595	11,944	+55.7						
Other Consumer Goods	4,796	2,552	+87.9	10,447	5,628	+85.7						
Gel Coats	10,245	8,506	+20.4	19,178	16,277	+17.8						
Other Reinforced, Total	7,847	7,655	+2.5	16,050	18,663	-14.0						
DOMESTIC NON-REINFORCED, TOTAL	62,856	57,317	+9.7	119,610	110,124	+8.6						
Castings, Total	28,977	26,397	+9.8	56,730	55,104	+3.0						
Furniture, Non-Reinforced	1,194	1,186	+0.7	1,875	2,373	-21.0						
Cultured Marble & Onyx	20,617	15,327	+34.5	38,608	31,484	+22.6						
Other	7,166	9,884	-27.5	16,247	21,247	-23.5						
Autobody Putty	17,097	15,370	+11.2	30,945	27,038	+14.5						
Surface and Protective Coatings	1,383	836	+65.4	2,688	1,782	+50.8						
Bonding and Adhesives	503	526	-4.4	1,014	1,113	-8.9						
Unsaturated Polyester Alkyd Resins	D(1)	D(1)		D(1)	D(1)							
Minebolt Anchor Resins	4,211	D(1)		7,900	D(1)							
Other Non-Reinforced, Total	10,685	14,188	n.c.	20,333	25,087	n.c.						

n.c. = Not comparable
(1) = Included in Other Non-Reinforced, Total

COMPILED BY **ERNST & WHINNEY**, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure
0-5% imputation Reinforced Plastics

QUARTERLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

THIRD QUARTER REVISED 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	THIRD QUARTER			YEAR-TO-DATE			THIRD QUARTER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
TOTAL POLYESTER *(Unsaturated)* RESINS												
Total Domestic	270,731	210,341	+28.7	790,626	652,472	+21.2	279,767	217,536	+28.6	809,429	668,534	+21.1
Reinforced Plastics, Total	208,373	153,935	+35.4	608,658	485,942	+25.3	215,337	158,813	+35.6	623,131	500,603	+24.5
Non-Reinforced Plastics, Total	62,358	56,406	+10.6	181,968	166,530	+9.3	64,430	58,723	+9.7	186,298	167,931	+10.9
DOMESTIC REINFORCED PLASTICS, TOTAL	208,373	153,935	+35.4	608,658	485,942	+25.3						
Marine and Marine Accessories, Total	56,261	37,098	+51.7	161,893	123,291	+31.3						
Transportation, Total	21,879	15,547	+40.8	63,401	49,743	+27.5						
Autos, Trucks, Buses, etc. Total	18,754	12,931	+45.0	53,690	40,488	+32.6						
Other Transportation	3,125	2,616	+19.5	9,711	9,255	+4.9						
Construction, Total	87,517	71,272	+22.8	253,996	212,507	+19.5						
General Construction	34,590	30,172	+14.6	101,731	86,476	+17.6						
Bathroom Components and Fixtures	25,005	19,857	+25.9	67,578	56,946	+18.7						
Corrosion Resistant and General Purpose Tanks, Pipes, etc.	27,922	21,243	+31.4	84,687	69,085	+22.6						
Electrical Generation, Transmission and Distribution, and Electronic Components, Total	6,876	4,156	+65.4	19,575	12,270	+59.5						
Consumer Goods, Total	19,379	11,391	+70.1	58,104	38,720	+50.1						
Major Appliances & Parts and Business Equipment Parts & Components	5,209	4,310	+20.9	14,892	14,067	+5.9						
Recreational Goods, Toys, Etc.	9,794	4,618	+112.1	28,389	16,562	+71.4						
Other Consumer Goods	4,376	2,463	+77.7	14,823	8,091	+83.2						
Gel Coats	9,168	7,697	+19.1	28,346	23,974	+18.2						
Other Reinforced, Total	7,293	6,774	+7.7	23,343	25,437	-8.2						
DOMESTIC NON-REINFORCED, TOTAL	62,358	56,406	+10.6	181,968	166,530	+9.3						
Castings, Total	29,246	26,060	+12.2	85,976	81,164	+5.9						
Furniture, Non-Reinforced	1,185	1,015	+16.7	3,060	3,388	-9.7						
Cultured Marble & Onyx	21,139	16,471	+28.3	59,747	47,955	+24.6						
Other	6,922	8,574	-19.3	23,169	29,821	-22.3						
Autobody Putty	15,901	18,050	-11.9	46,846	45,088	+3.9						
Surface and Protective Coatings	1,185	1,354	-12.5	3,873	3,136	+23.5						
Bonding and Adhesives	561	677	-17.1	1,575	1,790	-12.0						
Unsaturated Polyester Alkyd Resins	D(1)	D(1)		D(1)	D(1)							
Minebolt Anchor Resins	4,427	D(1)		12,327	D(1)							
Other Non-Reinforced, Total	11,038	10,265	n.c.	31,371	35,352	n.c.						

n.c. = Not comparable
(1) = Included in Other Non-Reinforced, Total

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D = Disclosure
0-5% imputation Reinforced Plastics

SPI SECTION I CRS

QUARTERLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

FOURTH QUARTER 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	FOURTH QUARTER			YEAR-TO-DATE			FOURTH QUARTER			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
TOTAL POLYESTER *(Unsaturated)* **RESINS**												
Total Domestic	271,740	190,827	+42.4	1,062,366	843,299	+26.0	274,980	196,715	+39.8	1,084,409	865,249	+25.3
Reinforced Plastics, Total	209,658	142,965	+46.6	818,316	628,907	+30.1	207,610	143,630	+44.5	830,741	644,233	+28.9
Non-Reinforced Plastics, Total	62,082	47,862	+29.7	244,050	214,392	+13.8	67,370	53,085	+26.9	253,668	221,016	+14.8
DOMESTIC REINFORCED PLASTICS, TOTAL	209,658	142,965	+46.6	818,316	628,907	+30.1						
Marine and Marine Accessories, Total	52,834	33,168	+59.5	214,727	156,459	+37.2						
Transportation, Total	24,320	14,868	+63.6	87,721	64,611	+35.8						
Autos, Trucks, Buses, etc. Total	21,385	12,152	+76.0	75,075	52,640	+42.6						
Other Transportation	2,935	2,716	+8.1	12,646	11,971	+5.6						
Construction, Total	85,541	66,050	+29.5	339,537	278,557	+21.9						
General Construction	33,126	27,306	+21.3	134,857	113,782	+18.5						
Bathroom Components and Fixtures	25,788	17,585	+46.6	93,366	74,531	+25.3						
Corrosion Resistant and General Purpose Tanks, Pipes, etc.	26,627	21,159	+25.8	111,314	90,244	+23.3						
Electrical Generation, Transmission and Distribution, and Electronic Components, Total	6,919	4,289	+61.3	26,494	16,559	+60.0						
Consumer Goods, Total	22,643	12,152	+86.3	80,747	50,872	+58.7						
Major Appliances & Parts and Business Equipment Parts & Components	5,661	4,718	+20.0	20,553	18,785	+9.4						
Recreational Goods, Toys, Etc.	11,322	5,004	+126.3	39,711	21,566	+84.1						
Other Consumer Goods	5,660	2,430	+132.9	20,483	10,521	+94.7						
Gel Coats	7,338	7,291	+0.6	35,684	31,265	+14.1						
Other Reinforced, Total	10,063	5,147	+95.9	33,406	30,584	+9.2						
DOMESTIC NON-REINFORCED, TOTAL	62,082	47,862	+29.7	244,050	214,392	+13.8						
Castings, Total	31,772	22,245	+42.8	117,748	103,409	+13.9						
Furniture, Non-Reinforced	918	927	-1.0	3,978	4,315	-7.8						
Cultured Marble & Onyx	21,704	14,332	+51.4	81,451	62,287	+30.6						
Other	9,150	6,986	+31.0	32,319	36,807	-12.2						
Autobody Putty	14,089	15,096	-6.7	60,935	60,184	+1.2						
Surface and Protective Coatings	1,478	1,358	+8.8	5,351	4,494	+19.1						
Bonding and Adhesives	657	434	+51.4	2,232	2,224	+0.4						
Unsaturated Polyester Alkyd Resins	D(1)	D(1)		D(1)	D(1)							
Minebolt Anchor Resins	4,770	D(1)		17,097	D(1)							
Other Non-Reinforced, Total	9,316	8,729	n.c.	40,687	44,081	n.c.						

n.c. = Not comparable
(1) = Included in Other Non-Reinforced, Total

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure
0-5% imputation Reinforced Plastics

PARTICIPANTS

FOURTH QUARTER
POLYESTER RESINS

Advance Coatings Co.
Alpha Chemical Co.
Ashland Chemical Co.
AZS Corporation
Cargill, Inc.
Cook Paint & Varnish Co.
Dow Chemical Co.
Freeman Chemical Corp.
Glidden Coatings & Resins
  Div. of SCM
ICI Americas
Inmont Corp.
Interplastics Corporation
  Commercial Resins Division
Koppers Co., Inc.
Owens-Corning Fiberglas
Pioneer Plastics Corp.
PPG Industries
Reichhold Chemicals, Inc.
Shell Chemical
Sherwin-Williams
Silmar Division,
  Sohio Chemical Co.
USS Chemicals-Polyester Unit

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The Society of the
Plastics Industry, Inc.

MonthlyStatisticalReport-Resins

355 Lexington Avenue
New York, New York 10017
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1983 ANNUAL SUMMARY

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

NOTE TO USERS:

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SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

RELEASE DATE: MARCH 20, 1984

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PART 300/400
NON-PART 400/500

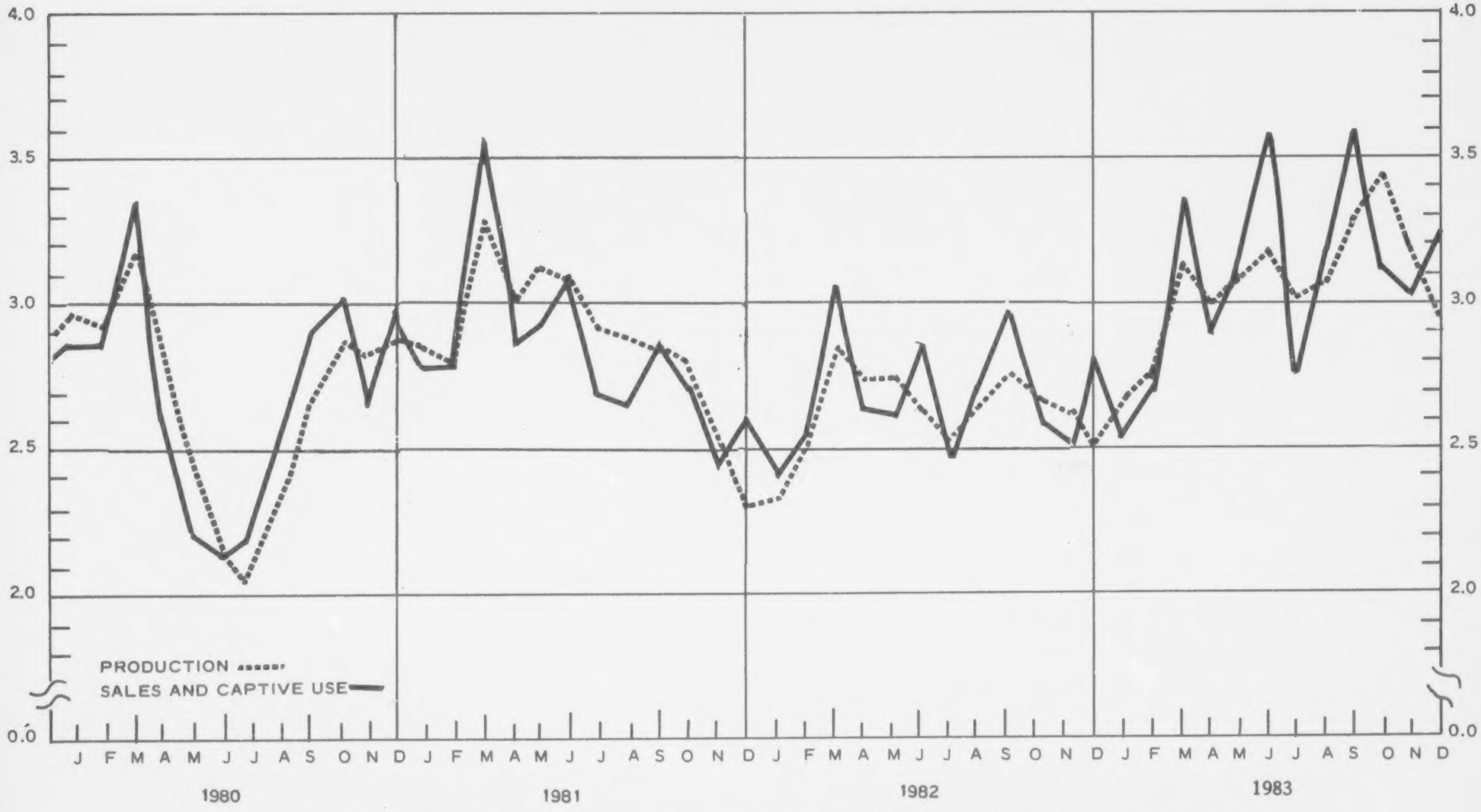
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

FULL YEAR 1983



COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SPI

CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis) (1)

FULL YEAR 1983

PRODUCTION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
EPOXY RESINS, TOTAL	22,714	23,228	36,410	31,438	30,459	29,280	23,286	22,717	28,922	29,301	31,869	24,522	334,146
POLYESTER *(UNSATURATED)* RESINS, TOTAL	77,885	73,694	93,300	87,884	94,313	102,586	86,655	98,733	94,379	100,918	90,299	83,763	1,084,409R
UREA RESINS, TOTAL	79,437	85,710	107,035	101,640	105,176	104,538	92,850	99,218	104,154	105,083	90,588	96,351	1,171,780R
MELAMINE RESINS, TOTAL	11,851	14,163	16,516	14,727	15,646	15,892	14,449	16,282	15,554	17,254	15,272	12,520	180,126R
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	172,641	186,106	205,211	212,375	193,853	215,712	203,809	225,852	221,511	239,511	198,702	208,450	2,483,733R
THERMOSETTING RESINS, TOTAL	364,528	382,901	458,472	448,064	439,447	468,008	421,049	462,802	464,520	492,067	426,730	425,606	5,254,194R
LOW-DENSITY POLYETHYLENE 0.940 BELOW, TOTAL	624,856	633,492	677,392	648,797	701,218	641,851	677,277	652,089	693,741	725,686	706,100	658,782	8,041,281
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	443,970	424,458	455,810	441,125	457,625	506,680	505,460	473,074	520,509	539,043	496,742	426,166	5,690,662R
POLYPROPYLENE, TOTAL	353,543	352,675	343,575	340,777	364,395	369,911	368,891	350,792	408,146	415,092	402,648	363,962	4,434,407R
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL (3)	D	D	D	D	D	D	D	D	D	D	D	D	D
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	5,793	4,502	9,067	9,154	8,694	7,360	8,615	8,519	9,187	8,629	7,374	5,983	92,877
OTHER STYRENE BASED POLYMERS, TOTAL *40% or more styrene*	75,620	93,352	108,616	106,615	95,994	100,673	84,518	95,679	108,823	121,571	90,818	108,257	1,190,536R
POLYSTYRENE, TOTAL	242,288	237,318	317,897	296,941	309,375	314,321	283,467	287,308	311,218	329,247	336,874	300,838	3,567,092R
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	D	D	D	D	D	D	D	D	D	D	D	D	D
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated* (4)	52,983	49,090	60,823	53,982	65,335	61,595	52,121	62,816	63,274	63,592	64,742	51,320	701,673
NYLON RESINS, TOTAL	17,863	20,829	25,620	27,880	26,764	26,768	23,450	28,661	29,596	32,009	32,950	28,333	320,723R
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, TOTAL	405,658	457,921	572,028	511,482	556,554	571,104	527,596	511,824	539,323	537,804	476,542	398,019	6,065,855R
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	* 48,987	* 49,524	* 69,797	* 52,318	* 57,718	* 66,867	* 53,067	* 61,526	* 60,523	* 59,325	* 56,059	* 53,145	* 688,856R
POLYVINYL ALCOHOL, TOTAL #	10,153	10,686	11,469	3,804	12,023	11,920	14,325	10,241	13,491	10,583	9,840	13,641	132,176
OTHER VINYL RESINS, TOTAL	13,433	13,036	16,792	15,523	15,223	15,752	13,331	16,666	16,504	15,726	17,708	15,864	185,558
THERMOPLASTIC POLYESTER, TOTAL	54,436	51,092	62,755	62,062	63,511	70,542	70,869	66,305	65,622	74,055	70,389	66,747	778,385R
THERMOPLASTIC RESINS, TOTAL	2,349,583	2,397,975	2,731,641	2,570,460	2,734,429	2,765,344	2,682,987	2,625,500	2,839,957	2,932,362	2,768,786	2,491,057	31,890,081R
GRAND TOTAL	2,714,111	2,780,876	3,190,113	3,018,524	3,173,876	3,233,352	3,104,036	3,088,302	3,304,477	3,424,429	3,195,516	2,916,663	37,144,275R

Page 2—Revision will not agree with year-to-date in December Report because of late correction by participating companies after the release of the December report. Final figures for the year 1983 are included herein.

COMPILED BY **ERNST & WHINNEY**, NEW YORK, N. Y. FOR **SPI'S COMMITTEE ON RESIN STATISTICS (CRS)**

R = Revision

(1) *Except phenolic resins which are reported on a gross weight basis.*

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

SPI **CRS**

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis) (1)

FULL YEAR 1983

SALES & CAPTIVE USE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
EPOXY RESINS, TOTAL	23,557	23,398	27,907	26,030	26,639	30,634	25,820	33,097	30,202	27,482	28,674	27,229	330,669
POLYESTER *(UNSATURATED)* RESINS, TOTAL	76,153	73,448	92,032	86,419	93,826	103,224	81,911	97,347	94,122	99,229	90,608	83,897	1,072,216R
UREA RESINS, TOTAL	81,296	84,806	105,805	99,944	104,613	103,520	92,793	99,866	103,527	104,875	89,893	95,865	1,166,803R
MELAMINE RESINS, TOTAL	14,080	12,775	15,295	15,123	15,122	15,512	13,627	17,049	16,930	16,782	15,335	13,120	180,750R
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	181,694	189,066	209,683	213,673	198,826	220,219	210,007	228,382	224,177	239,653	200,841	212,999	2,529,220R
THERMOSETTING RESINS, TOTAL	376,780	383,493	450,722	441,189	439,026	473,109	424,158	475,741	468,958	488,021	425,351	433,110	5,279,658R
LOW-DENSITY POLYETHYLENE 0.940 BELOW, TOTAL	559,375	574,652	769,165	606,030	642,751	767,647	588,903	662,178	808,253	644,482	635,994	785,921	8,045,351
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	375,067	367,687	499,072	435,707	470,288	600,093	446,264	496,683	588,582	481,407	454,079	491,697	5,706,626R
POLYPROPYLENE, TOTAL	334,306	328,105	375,656	335,644	364,915	403,272	324,652	383,875	469,123	358,677	381,741	404,104	4,464,070
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D	D	D	D	D	D	D	D	D	D	D	D
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	7,840	6,521	8,266	7,447	7,438	7,536	6,930	8,301	7,449	8,107	7,970	7,562	91,367
OTHER STYRENE BASED POLYMERS, TOTAL *40% or more styrene* (3)	76,681	93,393	101,749	103,084	103,329	111,250	95,132	117,967	110,990	115,732	109,053	99,386	1,237,746R
POLYSTYRENE, TOTAL	241,890	261,256	322,804	286,208	325,760	347,131	263,445	330,555	325,784	295,816	319,843	285,675	3,606,167R
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	D	D	D	D	D	D	D	D	D	D	D	D	D
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated* (4)	48,568	48,529	62,152	57,325	61,943	60,939	53,205	65,599	64,508	62,960	61,290	51,726	698,744R
NYLON RESINS, TOTAL	21,887	23,415	28,089	26,039	26,394	26,776	25,812	28,830	29,792	31,595	31,990	28,688	329,307R
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, TOTAL	410,872	501,094	649,383	492,152	544,648	660,050	436,752	471,698	571,006	467,722	446,081	500,188	6,151,646R
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	48,987	49,524	69,797	52,318	57,718	66,867	53,067	61,526	60,523	59,325	56,059	53,145	688,856R
POLYVINYL ALCOHOL, TOTAL #	10,143	10,373	12,463	10,809	10,532	13,027	11,146	11,970	10,594	11,635	11,377	11,988	136,057
OTHER VINYL RESINS, TOTAL	10,560	12,867	15,026	14,841	14,243	16,461	13,537	15,387	16,100	17,102	15,428	16,292	177,844
THERMOPLASTIC POLYESTER, TOTAL	54,486	58,129	56,064	63,819	66,169	67,367	65,061	68,616	75,376	72,593	71,258	64,339	783,277
THERMOPLASTIC RESINS, TOTAL	2,200,662	2,335,545	2,969,686	2,491,423	2,696,128	3,148,416	2,383,906	2,723,185	3,138,080	2,627,153	2,602,163	2,800,711	32,117,058R
GRAND TOTAL	2,577,442	2,719,038	3,420,408	2,932,612	3,135,154	3,621,525	2,808,064	3,198,926	3,607,038	3,115,174	3,027,514	3,233,821	37,396,716R

Page 3--Revision will not agree with year-to-date in December Report because of late correction by participating companies after the release of the December report. Final figures for the year 1983 are included herein.

COMPILED BY **ERNST & WHINNEY**, NEW YORK, N. Y. FOR **SPI'S COMMITTEE ON RESIN STATISTICS (CRS).**

R = Revision

(1) *Except phenolic resins which are reported on a gross weight basis.*

(3)=INCLUDES ABS

(4)=INCLUDES STYRENE BUTADIENE LATEXES

#=INCLUDES IMPUTED DATA

SECTION I

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In metric tons, dry weight basis) (1)

FULL YEAR 1983

PRODUCTION		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
EPOXY RESINS, TOTAL		10,303	10,536	16,515	14,260	13,816	13,281	10,562	10,304	13,119	13,291	14,456	11,123	151,566
POLYESTER *(UNSATURATED)* **RESINS, TOTAL**		35,328	33,428	42,321	39,864	42,780	46,533	39,306	44,785	42,810	45,776	40,959	37,995	491,885
UREA RESINS, TOTAL		36,032	38,878	48,551	46,104	47,708	47,418	42,116	45,005	47,244	47,665	41,090	43,705	531,516
MELAMINE RESINS, TOTAL		5,376	6,424	7,492	6,680	7,097	7,209	6,554	7,385	7,055	7,826	6,927	5,679	81,704
PHENOLIC & OTHER TAR ACID RESINS, TOTAL		78,309	84,417	93,083	96,332	87,931	97,846	92,447	102,446	100,477	108,641	90,131	94,552	1,126,612
THERMOSETTING RESINS, TOTAL		165,348	173,683	207,962	203,240	199,332	212,287	190,985	209,925	210,705	223,199	193,563	193,054	2,383,283
LOW-DENSITY POLYETHYLENE 0.940 BELOW, TOTAL		283,433	287,350	307,263	294,292	318,070	291,142	307,211	295,786	314,679	329,169	320,285	298,822	3,647,502
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL		201,383	192,533	206,754	200,093	207,577	229,829	229,275	214,585	236,101	244,508	225,321	193,308	2,581,267
POLYPROPYLENE, TOTAL		160,366	159,972	155,845	154,575	165,288	167,791	167,328	159,118	185,134	188,284	182,640	165,092	2,011,433
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* **RESINS, TOTAL**		D	D	D	D	D	D	D	D	D	D	D	D	D
STYRENE-ACRYLONITRILE *(SAN)* **RESINS, TOTAL**		2,628	2,042	4,113	4,152	3,944	3,338	3,908	3,864	4 167	3,914	3,345	2,714	42,129
OTHER STYRENE BASED POLYMERS, TOTAL *40% or more styrene*	(3)	34,301	42,344	49,268	48,360	43,543	45,665	38,337	43,400	49,362	55,144	41,195	49,105	540,024
POLYSTYRENE, TOTAL		109,901	107,647	144,197	134,692	140,332	142,575	128,580	130,322	141,168	149,345	152,805	136,459	1,618,023
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*		D	D	D	D	D	D	D	D	D	D	D	D	D
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated*	(4)	24,033	22,267	27,589	24,488	29,636	27,939	23,642	28,493	28,701	28,845	29,367	23,279	318,277
NYLON RESINS, TOTAL		8,103	9,448	11,621	12,646	12,140	12,142	10,637	13,001	13,425	14,519	14,946	12,852	145,480
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, **TOTAL**		184,005	207,712	259,470	232,007	252,451	259,051	239,316	232,162	244,635	243,946	216,158	180,540	2,751,453
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL		* 22,220	* 22,464	* 31,660	* 23,731	* 26,181	* 30,331	* 24,071	* 27,908	* 27,453	* 26,910	* 25,428	* 24,106	* 312,463
POLYVINYL ALCOHOL, TOTAL	#	4,605	4,847	5,202	1,725	5,454	5,407	6,498	4,645	6,119	4,800	4,463	6,188	59,953
OTHER VINYL RESINS, TOTAL		6,093	5,913	7,617	7,042	6,905	7,145	6,047	7,560	7,486	7,133	8,032	7,196	84,169
THERMOPLASTIC POLYESTER, TOTAL		24,692	23,175	28,465	28,152	28,808	31,998	32,146	30,076	29,766	33,591	31,928	30,276	353,073
THERMOPLASTIC RESINS, TOTAL		1,065,763	1,087,714	1,239,064	1,165,953	1,240,329	1,254,353	1,216,996	1,190,920	1,288,196	1,330,108	1,255,913	1,129,937	14,465,246
GRAND TOTAL		1,231,111	1,261,397	1,447,026	1,369,193	1,439,661	1,466,640	1,407,981	1,400,845	1,498,901	1,553,307	1,449,476	1,322,991	16,848,529

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

(1) *Except phenolic resins which are reported on a gross weight basis.*

COMPILED BY **ERNST & WHINNEY**, NEW YORK, N. Y. FOR **SPI'S COMMITTEE ON RESIN STATISTICS (CRS)**

D = Disclosure
(3) = Includes ABS
R = Revision
(4) = Includes Styrene Butadiene Latex
= Includes imputed data

Page 4--Revision will not agree with year-to-date in December Report because of late correction by participating companies after the release of the December report. Final figures for the year 1983 are included herein.

SPI

SECTION I

CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In metric tons, dry weight basis) (1)

FULL YEAR 1983

SALES & CAPTIVE USE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
EPOXY RESINS, TOTAL	10,685	10,612	12,658	11,807	12,083	13,895	11,712	15,013	13,701	12,466	13,006	12,351	149,989
POLYESTER *(UNSATURATED)* **RESINS, TOTAL**	34,543	33,316	41,745	39,199	42,559	46,822	37,155	44,156	42,693	45,010	41,100	38,055	486,353
UREA RESINS, TOTAL	36,876	38,468	47,993	45,334	47,452	46,957	42,090	45,299	46,959	47,571	40,775	43,484	529,258
MELAMINE RESINS, TOTAL	6,387	5,795	6,938	6,860	6,859	7,036	6,182	7,733	7,679	7,612	6,956	5,951	81,988
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	82,415	85,760	95,112	96,922	90,187	99,891	95,258	103,593	101,686	108,706	91,101	96,616	1,147,247
THERMOSETTING RESINS, TOTAL	170,906	173,951	204,446	200,122	199,140	214,601	192,397	215,794	212,718	221,365	192,938	196,457	2,394,835
LOW-DENSITY POLYETHYLENE 0.940 BELOW, TOTAL	253,731	260,660	348,891	274,893	291,550	348,202	267,125	300,362	366,621	292,335	288,485	356,491	3,649,346
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	170,129	166,782	226,378	197,635	213,321	272,200	202,424	225,294	266,979	218,365	205,969	223,032	2,588,508
POLYPROPYLENE, TOTAL	151,641	148,827	170,396	152,247	165,524	182,923	147,261	174,125	212,793	162,695	173,157	183,300	2,024 889
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* **RESINS, TOTAL**	D	D	D	D	D	D	D	D	D	D	D	D	D
STYRENE-ACRYLONITRILE *(SAN)* **RESINS, TOTAL**	3,556	2,958	3,749	3,378	3,374	3,418	3,143	3,765	3,379	3,677	3,615	3,430	41,442
OTHER STYRENE BASED POLYMERS, TOTAL *40% or more styrene* (3)	34,782	42,363	46,153	46,759	46,870	50,463	43,152	53,509	50,345	52,496	49,466	45,081	561,439
POLYSTYRENE, TOTAL	109,721	118,505	146,424	129.823	147,764	157,458	119,498	149,939	147,775	134,181	145,080	129,581	1,635,749
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	D	D	D	D	D	D	D	D	D	D	D	D	D
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated* (4)	22,030	22,013	28,192	26,003	28,097	27,642	24,134	29,755	29,261	28,558	27,801	23,464	316,950
NYLON RESINS, TOTAL	9,928	10,621	12,742	11,812	11,972	12,145	11,708	13,077	13,514	14,331	14,510	13,013	149,373
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, **TOTAL**	186,370	227,295	294,558	223,239	247,051	299,397	198,109	213,962	259,007	212,157	202,341	226,884	2,790,370
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	22,220	22,464	31,660	23,731	26,181	30,331	24,072	27,909	27,453	26,911	25,428	24,106	312,466
POLYVINYL ALCOHOL, TOTAL #	4,601	4,705	5,653	4,902	4,777	5,909	5,056	5,429	4,805	5,278	5,160	5,438	61,713
OTHER VINYL RESINS, TOTAL	4,790	5,836	6,815	6,732	6,461	7,467	6,140	6,979	7,302	7,757	6,999	7,390	80,668
THERMOPLASTIC POLYESTER, TOTAL	24,715	26,367	25,430	26,948	30,014	30,557	29,511	31,124	34,190	32,928	32,322	29,182	355,288
THERMOPLASTIC RESINS, TOTAL	998,214	1,059,396	1,347,041	1,130,102	1,222,956	1,428,112	1,081,333	1,235,229	1,423,424	1,191,669	1,180,333	1,270,392	14,568,201
GRAND TOTAL	1,169,120	1,233,347	1,551,487	1,330,224	1,422,096	1,642,713	1,273,730	1,451,023	1,636,142	1,413,034	1,373,271	1,466,849	16,963,036

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

COMPILED BY **ERNST & WHINNEY**, NEW YORK, N. Y. FOR **SPI'S COMMITTEE ON RESIN STATISTICS (CRS)**.

(1) *Except phenolic resins which are reported on a gross weight basis.*

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D = Disclosure
(3) = Includes ABS
(4) = Includes Styrene Butadiene Latexes
= Includes Imputed data

Page 5--Revision will not agree with year-to-date in December Report because of late correction by participating companies after the release of the December report. Final figures for the year 1983 are included herein.

SECTION I

(P) = Production
(S) = Sales
(U) = Captive use

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(in thousands of Pounds, dry weight basis)

FULL YEAR 1983

RESIN KIND & USE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
EPOXY RESINS, TOTAL (S&U)	22,714	23,228	36,410	31,438	30,459	29,280	23,286	22,717	28,922	29,301	31,869	24,522	334,146
EPOXY RESINS, TOTAL (P)	23,557	23,398	27,907	26,030	26,639	30,634	25,820	33,097	30,202	27,482	28,674	27,229	330,669
Total Exports	1,680	2,103	3,141	3,286	2,965	4,018	2,526	3,389	2,356	2,201	4,016	3,151	34,832
Total Domestic	21,877	21,295	24,766	22,744	23,674	26,616	23,294	29,708	27,846	25,281	24,658	24,078	295,837
Bonding & Adhesives	1,211	1,090	1,444	1,550	1,278	1,473	1,270	1,573	1,228	1,221	995	1,085	15,418
Flooring, Paving & Exposed Aggregate	1,165	1,473	1,507	1,301	1,325	2,051	1,345	1,983	1,814	1,711	1,392	1,452	18,519
Protective Coatings	10,608	9,542	11,092	10,366	10,701	10,873	10,675	12,383	11,980	11,272	10,518	11,034	131,044
Fiber Reinforced Laminates & Composites, Total	4,785	5,008	5,959	4,895	5,661	7,009	5,026	7,845	7,435	6,589	7,162	6,285	73,659
FRL & C for Printed Wiring Board	3,335	3,628	4,182	3,168	4,073	5,307	3,899	5,689	5,526	4,749	5,090	4,411	53,057
All Other FRL & C	1,450	1,380	1,777	1,727	1,588	1,702	1,127	2,156	1,909	1,840	2,072	1,874	20,602
Tooling, Casting & Molding Resins	2,219	1,822	2,540	2,102	2,262	2,308	2,094	2,960	2,646	2,170	2,589	2,192	27,904
All Other Uses	1,889	2,360	2,224	2,530	2,447	2,902	2,884	2,964	2,743	2,318	2,002	2,030	29,293
POLYESTER (UNSATURATED) RESINS, TOTAL (P)	77,885	73,694	93,300	87,884	94,313	102,586	86,655	98,733	94,379	100,918	90,299	83,763	1,084,409R
POLYESTER (UNSATURATED) RESINS, TOTAL (S&U)	76,153	73,448	92,032	86,419	93,826	103,224	81,911	97,347	94,122	99,229	90,608	83,897	1,072,216R
Exports, Total	844	712	1,023	795	704	1,129	900	939	810	668	680	646	9,850
Domestic, Total	75,309	72,736	91,009	85,624	93,122	102,095	81,011	96,408	93,312	98,561	89,928	83,251	1,062,366R
General Purpose Resins, Total	66,563	64,528	81,691	76,543	83,606	91,168	72,292	86,695	82,645	88,296	79,478	73,332	946,837R
General Purpose--Thixotropic	28,137	28,474	36,047	37,152	40,800	45,042	35,586	41,188	38,483	41,005	35,461	35,150	442,525R
General Purpose--Press Molding	10,732	9,529	11,107	10,445	11,483	11,992	10,372	13,023	13,456	14,852	13,692	12,831	143,514
General Purpose--All Other	27,694	26,525	34,537	28,946	31,323	34,134	26,334	32,484	30,706	32,439	30,325	25,351	360,798R
Flame Retardant Resins	1,622	1,477	1,665	1,596	1,676	1,875	1,245	1,639	1,738	1,849	1,988	1,828	20,198
Chemical Resistant Resins	7,124	6,731	7,653	7,485	7,840	9,052	7,474	8,074	8,929	8,416	8,462	8,091	95,331
Chemical Resistant Isophthalic Resins	5,094	4,629	4,790	5,355	5,303	5,739	5,188	4,993	6,066	5,508	5,401	5,115	63,181
All Other Chemical Resistant Resins	2,030	2,102	2,863	2,130	2,537	3,313	2,286	3,081	2,863	2,908	3,061	2,976	32,150
Reinforced Plastics, Total	57,834	55,241	69,225	66,383	72,279	79,323	62,995	73,389	71,989	76,341	69,265	64,052	818,316R
Non-Reinforced Plastics, Total	17,475	17,495	21,784	19,241	20,843	22,772	18,016	23,019	21,323	22,220	20,663	19,199	244,050R

The polyester resin includes some estimated data.

Compiled by ERNST & WHINNEY, New York, N.Y. for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

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SPI

SECTION I

CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of Pounds, dry weight basis)

(P) = Production
(S) = Sales
(U) = Captive use

FULL YEAR 1983

RESIN KIND & USE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
UREA RESINS, TOTAL (P)	79,437	85,710	107,035	101,640	105,176	104,538	92,850	99,218	104,154	105,083	90,588	96,351	1,171,780R
UREA RESINS, TOTAL (S&U)	81,296	84,806	105,805	99,944	104,613	103,520	92,793	99,866	103,527	104,875	89,893	95,865	1,166,803R
MELAMINE RESINS, TOTAL (P)	11,851	14,163	16,516	14,727	15,646	15,892	14,449	16,282	15,554	17,254	15,272	12,520	180,126R
MELAMINE RESINS, TOTAL (S&U)	14,080	12,775	15,295	15,123	15,122	15,512	13,627	17,049	16,930	16,782	15,335	13,120	180,750R
UREA & MELAMINE RESINS, TOTAL (P)	91,288	99,873	123,551	116,367	120,822	120,430	107,299	115,500	119,708	122,337	105,860	108,871	1,351,906R
Total Exports													
Total Domestic													
Textile Treating & Coating Resins	D	D	D	D	D	D	D	D	D	D	D	D	D
Paper Treating & Coating Resins	8,289	8,681	5,795	6,011	6,610	7,775	6,883	6,988	6,663	7,574	6,527	7,080	84,876
Molding Compounds	5,634	6,267	6,873	6,049	6,497	5,581	4,152	5,697	6,809	6,706	6,307	5,297	71,869R
Bonding & Adhesive Resins for:	69,346	73,321	92,875	88,151	91,285	93,505	82,426	87,826	91,543	93,588	80,700	84,623	1,029,189
Laminating	3,320	2,934	3,453	3,335	3,221	3,403	3,201	3,450	3,572	3,809	3,411	2,721	39,830
Plywood	4,046	5,164	6,137	5,542	5,274	6,038	4,490	5,399	5,675	5,658	5,301	5,147	63,871
Fibrous & Granulated Wood (Particle Board)	61,980	65,223	83,285	79,274	82,790	84,064	74,735	78,977	82,296	84,121	71,988	76,755	925,488
Protective Coatings (Straight & Modified)	4,613	6,841	8,118	7,457	7,818	8,707	7,022	7,751	7,741	7,893	7,664	6,015	87,640R
All Other Uses (Includes Textile Treating & Coating Resins)	3,406	4,763	9,890	8,699	8,612	4,862	6,816	7,238	6,952	6,576	4,662	5,856	78,332R
UREA & MELAMINE RESINS, TOTAL (S&U)	95,376	97,581	121,100	115,067	119,735	119,032	106,420	116,915	120,457	121,657	105,228	108,985	1,347,553R
Total Exports	1,331	1,256	2,429	2,416	1,322	1,944	1,321	1,499	2,472	1,755	1,533	2,034	21,312R
Total Domestic	94,045	96,325	118,671	112,651	118,413	117,088	105,099	115,416	117,985	119,902	103,695	106,951	1,326,241R
Textile Treating & Coating Resins	D	D	D	D	D	D	D	D	D	D	D	D	D
Paper Treating & Coating Resins	4,250	4,534	5,246	5,800	6,253	7,409	7,001	6,671	6,825	6,747	6,291	6,997	74,024
Molding Compounds	5,945	5,774	6,456	5,628	5,948	4,859	4,140	6,056	6,290	5,722	5,404	5,360	67,582R
Bonding & Adhesive Resins for:	68,507	72,460	90,802	85,962	90,741	93,588	82,574	87,493	92,463	93,067	79,777	84,206	1,021,640
Laminating	3,306	2,829	3,506	3,343	3,378	3,283	3,199	3,378	3,732	3,878	3,302	3,027	40,161
Plywood	3,788	5,100	6,019	5,394	5,072	5,843	4,779	5,494	6,044	5,551	5,137	5,136	63,357
Fibrous & Granulated Wood (Particle Board)	61,413	64,531	81,277	77,225	82,291	84,462	74,596	78,621	82,687	83,638	71,338	76,043	918,122
Protective Coatings (Straight & Modified	6,355	5,653	6,590	6,699	6,855	6,317	4,850	8,161	5,999	6,672	6,379	5,144	75,674R
All Other Uses (Includes Textile Treating & Coating Resins)	8,988	7,904	9,577	8,562	8,616	4,915	6,534	7,035	6,408	7,694	5,844	5,244	87,321R

D = Disclosure

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SECTION I

(P) = Production
(S) = Sales
(U) = Captive use   D = Disclosure

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, gross weight basis)

FULL YEAR 1983

RESIN KIND & USE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
PHENOLIC & OTHER TAR ACID RESINS, TOTAL (P)	172,641	186,106	205,211	212,375	193,853	215,712	203,809	225,852	221,511	239,511	198,702	208,450	2,483,733R
Total Exports													
Total Domestic													
Molding Compounds	15,020	19,761	22,833	23,407	23,596	23,778	16,142	24,391	23,707	23,793	23,549	21,804	261,781R
Bonding and Adhesive Resins for:	153,536	162,835	177,882	185,294	166,346	186,984	184,057	197,756	193,239	210,975	170,927	182,564	2,172,395R
Laminating	10,109	9,613	12,375	12,991	10,952	11,727	12,200	11,977	12,269	15,353	12,747	11,791	144,124R
Coated & Bonded Abrasives	1,472	2,454	2,630	2,595	2,015	2,245	1,835	2,157	2,536	2,696	2,173	2,404	27,212R
Friction Materials	1,960	2,213	2,265	2,862	2,955	2,833	1,912	3,123	2,907	3,124	3,070	2,911	32,135R
Insulation Materials	19,467	24,297	25,534	25,198	25,623	28,511	25,710	33,124	33,061	37,043	30,530	30,081	338,179R
Foundry & Shell Molding	4,873	5,632	5,860	6,508	5,122	6,334	5,364	6,091	6,937	6,978	6,547	6,462	72,688R
Plywood	94,059	96,691	108,786	111,392	96,699	111,366	115,746	117,448	113,778	119,466	95,549	109,145	1,290,125
Fibrous & Granulated Wood	14,670	14,668	13,924	16,383	15,333	16,909	15,012	15,030	12,183	16,626	12,385	11,129	174,252
Resins Sold to Rubber Industry	2,284	2,766	2,402	1,928	2,412	2,286	1,837	3,373	3,050	2,663	2,408	2,810	30,219
All Other	4,642	4,501	4,106	5,437	5,235	4,773	4,441	5,433	6,518	7,026	5,518	5,831	63,461R
Protective Coatings--Unmodified & Modified	1,721	1,250	1,872	1,613	1,706	1,727	1,142	1,663	1,404	2,048	1,691	1,631	19,468
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D	D	D	D	D	D	D	D	D	D	D	D
All Other Uses #	2,364	2,260	2,624	2,061	2,205	3,223	2,468	2,042	3,161	2,695	2,535	2,451	30,089R
PHENOLIC & OTHER TAR ACID RESINS, TOTAL (S&U)	181,694	189,066	209,683	213,673	198,826	220,219	210,007	228,382	224,177	239,653	200,841	212,999	2,529,220R
Total Exports	1,804	1,510	3,018	1,579	2,108	2,156	1,606	1,866	1,969	1,517	1,682	2,021	22,836R
Total Domestic	179,890	187,556	206,665	212,094	196,718	218,063	208,401	226,516	222,208	238,136	199,159	210,978	2,506,384R
Molding Compounds	13,567	18,158	19,912	18,687	19,620	20,218	15,714	21,941	19,812	21,901	21,618	20,945	232,093R
Bonding & Adhesive Resins for:	162,493	165,524	182,610	189,916	173,277	192,974	188,650	200,985	197,458	211,768	173,530	185,752	2,224,937R
Laminating	13,181	11,550	14,282	14,572	13,471	14,364	14,245	13,377	14,642	15,883	13,542	12,452	165,561R
Coated & Bonded Abrasives	1,667	2,365	2,692	2,618	2,117	2,151	1,988	2,346	2,538	2,856	2,267	2,485	28,090R
Friction Materials	1,887	1,949	3,293	2,778	2,624	2,696	2,098	3,223	2,851	3,216	2,849	2,947	32,411R
Insulation Materials	22,836	25,513	26,011	26,790	27,366	29,885	26,508	34,501	34,518	38,159	31,673	31,521	355,281R
Foundry & Shell Molding	4,857	5,331	5,724	6,403	5,099	6,029	5,182	5,928	6,207	6,721	6,031	6,302	69,814R
Plywood	96,255	97,789	110,627	113,062	99,518	114,215	116,489	117,590	116,348	119,447	97,462	110,659	1,309,461
Fibrous & Granulated Wood	15,032	14,815	14,085	16,753	15,698	17,068	15,926	15,404	12,695	16,671	12,853	11,677	178,677
Resins Sold to Rubber Industry	2,176	1,892	2,232	1,943	2,448	2,207	1,677	2,892	2,243	2,354	1,924	2,632	26,620
All Other	4,602	4,320	3,664	4,997	4,936	4,359	4,537	5,724	5,416	6,461	4,929	5,077	59,022R
Protective Coatings--Unmodified & Modified	1,423	1,489	1,885	1,352	1,408	1,780	1,403	1,619	1,510	1,823	1,629	1,554	18,875
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D	D	D	D	D	D	D	D	D	D	D	D
All Other Uses #	2,407	2,385	2,258	2,139	2,413	3,091	2,634	1,971	3,428	2,644	2,382	2,727	30,479R

= Due to disclosure problem, All Other Uses includes Resin Sold to Rubber Industry, Non-Adhesive Uses.

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of Pounds, dry weight basis)

(P) = Production
(S) = Sales
(U) = Captive use D = Disclosure

FULL YEAR 1983

RESIN KIND & USE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (P)	624,856	633,492	677,392	648,797	701,218	641,851	677,277	652,089	693,741	725,686	706,100	658,782	8,041,281
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (S&U)	559,375	574,652	769,165	606,030	642,751	767,647	588,903	662,178	808,253	644,482	635,994	785,921	8,045,351
Total Exports	64,208	65,556	78,690	78,071	92,001	94,408	82,823	63,041	71,203	74,664	68,690	85,394	918,749
Total Domestic	495,167	509,096	690,475	527,959	550,750	673,239	506,080	599,137	737,050	569,818	567,304	700,527	7,126,602
Film (12 Mils & Below)	324,736	312,924	444,819	340,390	346,532	442,366	329,569	394,597	490,293	374,632	363,421	463,700	4,627,979
Sheet (Over 12 Mils)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)
Injection Molding	37,774	50,948	72,398	47,202	49,653	66,488	47,081	57,964	79,832	42,748	44,392	60,843	657,323
Wire & Cable	24,452	24,901	28,982	24,212	25,163	25,812	22,813	22,600	28,665	26,886	28,940	26,398	309,824
Extrusion Coating	39,653	42,015	50,923	45,990	48,257	53,470	40,744	47,880	51,636	49,109	48,575	54,813	573,065
Blow Molding	2,499	3,260	3,257	3,011	3,674	4,074	3,385	4,518	4,534	2,922	3,709	3,518	42,361
Pipe & Conduit, Total	788	2,379	3,129	1,398	2,578	2,727	1,776	1,314	2,270	1,317	1,997	2,864	24,537
Corrugated Pipe & Conduit	D	D	D	D	D	D	D	D	D	D	D	D	D
Non-Corrugated Pipe & Conduit	D	D	D	D	D	D	D	D	D	D	D	D	D
Other Extruded Products	5,297	6,271	6,379	7,789	6,188	9,731	8,091	7,146	9,148	8,248	7,170	10,091	91,549
All Other Uses	59,968	66,398	80,588	57,967	68,705	68,571	52,621	63,118	70,672	63,956	69,100	78,300	799,964
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL (P)	443,970	424,458	455,810	441,125	457,625	506,680	505,460	473,074	520,509	539,043	496,742	426,166	5,690,662R
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL (S&U)	375,067	367,687	499,072	435,707	470,288	600,093	446,264	496,683	588,582	481,407	454,079	491,697	5,706,626R
Total Exports	60,875	66,857	89,613	70,773	74,395	113,140	104,401	90,719	95,156	94,292	71,192	69,343	1,000,756
Total Domestic	314,192	300,830	409,459	364,934	395,893	486,953	341,863	405,964	493,426	387,115	382,887	422,354	4,705,870R
Film (12 Mils & Below)	26,323	26,230	31,139	25,381	33,219	40,830	33,320	34,906	34,018	25,675	28,336	35,760	375,137
Sheet (Over 12 Mils)	7,782	4,222	6,569	4,932	6,265	7,854	4,522	6,529	7,487	4,995	6,783	7,840	75,780
Injection Molding	75,521	67,146	101,494	95,765	105,148	133,793	77,367	98,103	129,154	93,552	96,712	114,601	1,188,356
Wire & Cable	8,944	9,021	11,762	9,236	7,568	9,294	8,276	8,065	9,511	10,913	9,391	9,908	111,889
Extrusion Coating	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
Blow Molding	128,702	123,333	149,659	141,147	147,337	174,594	134,156	153,614	194,543	156,838	149,566	154,268	1,807,757
Pipe & Conduit, Total	22,182	22,643	44,553	33,716	40,398	54,907	41,785	46,856	50,052	43,624	35,565	34,400	470,681
Corrugated Pipe & Conduit	10,071	9,498	20,762	11,466	18,387	21,739	19,414	29,878	20,706	19,397	14,851	11,029	207,198
Non-Corrugated Pipe & Conduit	12,111	13,145	23,791	22,250	22,011	33,168	22,371	16,978	29,346	24,227	20,714	23,371	263,483
Other Extruded Products	3,161	2,230	2,495	2,992	4,022	4,329	2,484	3,762	5,537	2,526	4,168	4,123	41,829
All Other Uses	41,577	46,005	61,788	51,765	51,936	61,352	39,953	54,129	63,124	48,992	52,366	61,454	634,441R

(2) = Included in Other Extruded Products
(3) = Included in Film

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of Pounds, dry weight basis)

(P) = Production
(S) = Sales
(U) = Captive use D = Disclosure

FULL YEAR 1983

RESIN KIND & USE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
POLYPROPYLENE, TOTAL (P)	353,543	352,675	343,575	340,777	364,395	369,911	368,891	350,792	408,146	415,092	402,648	363,962	4,434,407R
POLYPROPYLENE, TOTAL (S&U)	334,306	328,105	375,656	335,644	364,915	403,272	324,652	383,875	469,123	358,677	381,741	404,104	4,464,070
Total Exports	67,991	62,337	81,490	43,553	57,064	76,032	70,614	68,873	86,202	50,593	66,814	68,680	800,243
Total Domestic	266,315	265,768	294,166	292,091	307,851	327,240	254,038	315,002	382,921	308,084	314,927	335,424	3,663,827
Injection Molding	93,226	89,040	104,449	94,740	103,077	107,351	86,550	104,588	127,807	102,652	109,153	108,871	1,231,504
Appliances	7,575	7,244	7,567	7,911	7,855	7,556	6,678	8,526	9,174	9,314	9,072	7,713	96,185
Consumer Products	24,175	24,319	28,341	27,161	23,837	26,091	20,416	25,598	30,584	21,304	23,848	25,710	301,384
Rigid Packaging	28,059	27,513	32,135	27,641	31,961	37,034	23,835	27,421	33,405	25,484	29,779	27,105	351,372
Transportation	22,459	19,218	20,775	17,770	22,116	20,807	22,398	26,375	33,633	26,939	29,144	31,122	292,756
All Other Injection Molding	10,958	10,746	15,631	14,257	17,308	15,863	13,223	16,668	21,011	19,611	17,310	17,221	189,807
Blow Molding	7,334	5,991	6,743	5,557	6,630	5,842	6,765	9,527	10,140	8,802	8,640	8,260	90,231
Containers	D	D	D	D	D	D	D	D	D	D	D	D	D
All Other Blow Molding	D	D	D	D	D	D	D	D	D	D	D	D	D
Film (10 Mils & Below)	27,817	28,912	29,049	29,720	28,614	28,926	27,931	31,511	42,612	31,892	26,052	30,656	363,692
Sheet (Over 10 Mils)	2,372	1,345	2,324	1,887	2,808	2,670	1,652	3,509	4,605	2,782	2,517	4,639	33,110
Extrusion Coating	D	D	D	D	D	D	D	D	D	D	D	D	D
Wire & Cable	D	D	D	D	D	D	D	D	D	D	D	D	D
Fiber & Filaments	87,880	84,276	90,412	106,059	99,588	109,716	80,556	104,990	122,657	110,097	107,333	117,650	1,221,214
Pipe & Conduit	D	D	D	D	D	D	D	D	D	D	D	D	D
Other Extruded Products #	5,706	9,471	10,050	10,531	7,960	11,454	6,825	6,655	10,382	6,454	7,897	12,450	105,835
Resellers & Compounders	27,619	34,940	35,940	31,102	43,760	44,112	29,722	35,731	47,362	31,603	36,168	43,410	441,469
All Other Uses	14,361	11,793	15,199	12,495	15,414	17,169	14,037	18,491	17,356	13,802	17,167	9,488	176,772
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL (P) (3)	D	D	D	D	D	D	D	D	D	D	D	D	D
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL (S&U) (3)	D	D	D	D	D	D	D	D	D	D	D	D	D
Total Exports													
Total Domestic													
Electrical & Electronic Uses													
Pipe, Conduit & Fittings													
Transportation													
Consumer & Institutional													
All Other Uses													

(3) = Included in Other Styrene Based Polymers

= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

Compiled by ERNST & WHINNEY, New York, N.Y. for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision--will not agree with year-to-date in December report because of late corrections by participating companies after the release of the December report. Final figures for the year 1983 are included herein.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of Pounds, dry weight basis)

FULL YEAR 1983

RESIN KIND & USE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL (P)	5,793	4,502	9,067	9,154	8,694	7,360	8,615	8,519	9,187	8,629	7,374	5,983	92,877
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL (S&U)	7,840	6,521	8,266	7,447	7,438	7,536	6,930	8,301	7,449	8,107	7,970	7,562	91,367
Total Exports	966	637	768	596	844	829	1,254	1,245	728	900	1,779	969	11,515
Total Domestic	6,874	5,884	7,498	6,851	6,594	6,707	5,676	7,056	6,721	7,207	6,191	6,593	79,852
OTHER STYRENE BASED POLYMERS, TOTAL (P) 40% or more styrene	75,620	93,352	108,616	106,615	95,994	100,673	84,518	95,679	108,823	121,571	90,818	108,257	1,190,536R
OTHER STYRENE BASED POLYMERS, TOTAL (S&U) 40% or more styrene	76,681	93,393	101,749	103,084	103,329	111,250	95,132	117,967	110,990	115,732	109,053	99,386	1,237,746R
Total Exports	6,850	9,772	12,467	9,926	8,876	12,929	11,495	11,375	11,234	12,650	14,474	10,617	132,665R
Total Domestic	69,831	83,621	89,282	93,158	94,453	98,321	83,637	106,592	99,756	103,082	94,579	88,769	1,105,081R
Molding & Extrusion	65,840	78,554	84,158	88,215	88,459	92,975	79,126	101,227	94,477	98,384	89,739	83,401	1,044,555R
Coatings	3,991	5,067	5,124	4,943	5,994	5,346	4,511	5,365	5,279	4,698	4,840	5,368	60,526R
POLYSTYRENE RESINS, TOTAL (P)	242,288	237,318	317,897	296,941	309,375	314,321	283,467	287,308	311,218	329,247	336,874	300,838	3,567,092R
Straight Polystyrene	133,701	126,142	165,832	153,020	153,737	163,249	146,852	138,835	159,880	164,406	163,082	142,852	1,811,588R
Rubber-Modified Polystyrene	108,587	111,176	152,065	143,921	155,638	151,072	136,615	148,473	151,338	164,841	173,792	157,986	1,755,504R
POLYSTYRENE RESINS, TOTAL (S&U)	241,890	261,256	322,804	286,208	325,760	347,131	263,445	330,555	325,784	295,816	319,843	285,675	3,606,167R
Straight Polystyrene	129,651	132,059	161,211	149,120	162,077	186,380	135,547	171,138	169,580	156,620	160,515	135,499	1,849,397R
Rubber-Modified Polystyrene	112,239	129,197	161,593	137,088	163,683	160,751	127,898	159,417	156,204	139,196	159,328	150,176	1,756,770R
Total Exports	5,057	7,000	9,257	6,113	5,515	8,180	7,426	6,062	5,937	5,620	6,765	4,159	77,091
Straight Polystyrene	3,011	3,369	4,669	3,797	2,427	3,480	3,719	2,737	3,127	2,255	4,192	1,517	38,300
Rubber-Modified Polystyrene	2,046	3,631	4,588	2,316	3,088	4,700	3,707	3,325	2,810	3,365	2,573	2,642	38,791
Total Domestic	236,833	254,256	313,547	280,095	320,245	338,951	256,019	324,493	319,847	290,196	313,078	281,516	3,529,076R
Molding	98,738	105,679	125,847	122,587	143,631	137,049	111,188	149,386	141,038	126,209	133,285	121,520	1,516,157R
Extrusion	82,571	95,402	111,991	95,792	102,404	113,088	97,544	110,319	108,014	101,684	115,079	104,581	1,238,469R
Expandable Polystyrene Beads	31,862	31,514	36,197	34,625	38,445	61,741	22,065	35,824	39,542	37,502	39,843	30,545	439,705
All Other Uses	23,662	21,661	39,512	27,091	35,765	27,073	25,222	28,964	31,253	24,801	24,871	24,870	334,745R
Polystyrene End Uses, Total*	236,833	254,256	313,547	280,095	320,245	338,951	256,019	324,493	319,847	290,196	313,078	281,516	3,529,076R
Packaging	55,372	65,006	75,988	73,459	87,174	86,376	66,292	87,267	80,518	70,410	79,886	65,208	892,956R
Disposables	31,102	29,816	40,158	35,296	37,328	39,269	38,703	40,661	46,281	43,745	47,947	46,928	477,234R
Consumer and Institutional Products	34,788	43,275	51,166	46,161	48,288	51,565	45,311	62,245	51,601	39,588	45,492	41,576	561,056R
Electrical/Electronics	27,728	24,694	23,281	20,262	23,836	23,498	16,345	22,961	25,525	26,168	25,804	22,693	282,795R
Furniture, Furnishings, building and Construction	11,177	11,900	14,776	13,264	14,036	14,903	12,407	14,402	14,369	15,113	15,162	14,297	165,806
Expandable Polystyrene Beads	31,862	31,514	36,197	34,625	38,445	61,741	22,065	35,824	39,542	37,502	39,843	30,545	439,705
All Other End Uses	44,804	48,051	71,981	57,028	71,138	61,599	54,896	61,133	62,011	57,670	58,944	60,269	709,524R

* = Portions of the End Uses section are estimated.

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SPI

D = Disclosure
(P) = Production
(S) = Sales
(U) = Captive use

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of Pounds, dry weight basis)

CRS

FULL YEAR 1983

RESIN KIND & USE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
STYRENE BUTADIENE LATEXES, TOTAL (P) Carboxylated, 45% styrene content and over	D	D	D	D	D	D	D	D	D	D	D	D	D
STYRENE BUTADIENE LATEXES, TOTAL (S&U) Carboxylated, 45% styrene content and over	D	D	D	D	D	D	D	D	D	D	D	D	D
OTHER STYRENE BASED LATEXES, TOTAL (P) 50% or more styrene including butadiene latexes not carboxylated	D	D	D	D	D	D	D	D	D	D	D	D	D
OTHER STYRENE BASED LATEXES, TOTAL (S&U) 50% or more styrene including butadiene latexes not carboxylated	D	D	D	D	D	D	D	D	D	D	D	D	D
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL (P)*	52,983	49,090	60,823	53,982	65,335	61,595	52,121	62,816	63,274	63,592	64,742	51,320	701,673
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL (S&U)*	48,568	48,529	62,152	57,325	61,943	60,939	53,205	65,599	64,508	62,960	61,290	51,726	698,744R
Paper Treating	2,273	2,320	2,643	2,458	3,039	2,434	1,618	2,374	2,196	2,488	1,898	1,143	26,884
Textile Treating	1,636	1,564	1,864	1,874	1,909	1,687	1,190	1,767	1,740	1,426	1,412	1,369	19,438
Carpet Backing	18,956	19,737	27,253	25,403	27,037	26,769	20,544	29,011	29,205	27,206	25,703	21,825	298,649
All Other Uses (Including Exports & Paper Coating)	25,703	24,908	30,392	27,590	29,958	30,049	29,853	32,447	31,367	31,840	32,277	27,389	353,773R
NYLON RESINS, TOTAL (P)	17,863	20,829	25,620	27,880	26,764	26,768	23,450	28,661	29,596	32,009	32,950	28,333	320,723R
NYLON RESINS, TOTAL (S&U)	21,887	23,415	28,089	26,039	26,394	26,776	25,812	28,830	29,792	31,595	31,990	28,688	329,307R
Total Exports	1,339	1,444	1,950	1,893	1,477	2,236	2,569	2,013	2,665	2,578	2,346	1,734	24,244
Total Domestic	20,548	21,971	26,139	24,146	24,917	24,540	23,243	26,817	27,127	29,017	29,644	26,954	305,063R
Injection Molding Grade	12,474	13,931	16,234	15,872	15,815	15,353	15,011	17,309	18,210	19,091	19,970	18,570	197,840
Extrusion Grade	6,895	6,635	7,964	6,600	6,971	7,143	6,208	7,624	7,294	7,727	8,017	6,404	85,482
Resellers and Compounders	768	935	1,450	1,241	1,620	1,435	1,628	1,322	1,138	1,416	1,112	1,288	15,353
All Other Uses	411	470	491	433	511	609	396	562	485	783	545	692	6,388R

*** . *Old disclosure rules apply for Styrene Butadiene Section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials see the back of the cover of the report.*

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SECTION I

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(U) = Captive use

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of Pounds, dry weight basis)

FULL YEAR 1983

RESIN KIND & USE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
POLYVINYL CHLORIDE & COPOLYMERS (Dry Resin Content), TOTAL (P)	405,658	457,921	572,028	511,482	556,554	571,104	527,596	511,824	539,323	537,804	476,542	398,019	6,065,855R
Homopolymer Resins Including Blending and Latex	359,470	410,275	519,879	454,856	497,858	510,322	486,580	450,416	480,669	477,539	414,654	341,393	5,403,911R
Copolymer Resins Including Blending and Latex	19,743	21,443	21,156	23,295	23,718	27,436	14,958	24,141	25,804	25,429	26,227	23,059	276,409R
Dispersion Resins	26,445	26,203	30,993	33,331	34,978	33,346	26,058	37,267	32,850	34,836	35,661	33,567	385,535R
POLYVINYL CHLORIDE & COPOLYMERS (Dry Resin Content), TOTAL (S&U)	410,872	501,094	649,383	492,152	544,648	660,050	436,752	471,698	571,006	467,722	446,081	500,188	6,151,646R
Homopolymer Resins Including Blending and Latex	361,151	448,809	581,756	443,342	486,188	582,804	397,425	418,530	515,393	408,687	388,915	434,187	5,467,187R
Copolymer Resins Including Blending and Latex	19,676	20,493	28,774	20,298	25,038	32,749	16,112	22,567	24,178	24,760	23,611	27,445	285,701R
Dispersion Resins	30,045	31,792	38,853	28,512	33,422	44,497	23,215	30,601	31,435	34,275	33,555	38,556	398,758R
Total Exports	42,748	48,716	58,773	40,995	45,030	45,255	32,220	41,350	43,227	43,366	41,259	50,972	533,911R
Total Domestic	368,124	452,378	590,610	451,157	499,618	614,795	404,532	430,348	527,779	424,356	404,822	449,216	5,617,735R
Calendering, Total	48,102	58,905	77,292	42,706	61,847	83,770	35,715	56,238	64,168	54,873	46,721	51,989	682,326R
Flooring	9,592	12,866	18,046	10,871	13,787	16,822	8,955	13,207	13,406	12,695	13,581	16,217	160,045R
Textile	6,482	9,678	8,676	5,806	9,101	11,828	7,780	8,737	12,882	8,869	6,717	8,504	105,060R
All Other Calendering Uses	32,028	36,361	50,570	26,029	38,959	55,120	18,980	34,294	37,880	33,309	26,423	27,268	417,221R
Coating, Total	25,625	28,553	35,110	25,251	32,007	40,308	22,084	27,020	27,854	33,327	30,916	32,998	361,053R
Flooring	11,006	11,254	13,635	9,750	15,200	19,354	8,763	9,613	9,575	13,988	11,893	14,939	148,970R
Textile & Paper Coating	8,532	9,103	12,583	8,977	8,852	11,198	7,463	9,930	10,418	10,380	10,229	11,356	119,021R
Protective Coatings	3,043	3,950	4,532	3,033	3,897	4,644	2,866	4,016	3,644	3,997	3,685	3,347	44,654R
Adhesives & All Other Coating Uses	3,044	4,246	4,360	3,491	4,058	5,112	2,992	3,461	4,217	4,962	5,109	3,356	48,408R
Extrusion, Total	224,580	277,173	370,548	300,290	302,061	378,202	281,562	264,965	337,279	256,612	237,036	265,393	3,495,701R
Wire & Cable	23,153	28,229	40,333	28,216	26,549	34,948	17,143	26,994	36,169	26,355	29,230	32,324	349,643R
Film & Sheet	21,120	22,665	30,559	26,305	24,049	32,847	20,855	22,439	30,633	26,324	22,256	29,291	309,343R
Rigid Pipe & Tubing (Except Fittings)	142,519	182,063	242,174	202,725	209,265	249,809	204,540	166,063	210,343	159,650	144,903	158,502	2,272,556R
All Other Extrusions	37,788	44,216	57,482	43,044	42,198	60,598	39,024	49,469	60,134	44,283	40,647	45,276	564,159R
Molding, Total	26,453	33,144	39,125	38,808	38,809	36,427	28,332	32,089	41,749	37,153	38,745	39,619	430,453R
Bottles	7,735	11,508	12,185	13,736	14,544	14,553	11,471	12,189	17,032	16,082	18,113	17,128	166,276R
Sound Records	5,451	5,257	8,228	11,702	7,729	5,733	3,686	5,571	6,193	7,304	6,420	7,026	80,300R
Fittings (Rigid Pipe & Tubing)	6,856	9,790	10,704	7,407	9,880	8,292	8,967	8,234	11,431	7,575	7,824	9,326	106,286R
All Other Molding	6,411	6,589	8,008	5,963	6,656	7,849	4,208	6,095	7,093	6,192	6,388	6,139	77,591R
Paste Processes (Except Coating)	11,928	14,531	18,408	11,484	13,205	17,912	10,430	11,459	13,547	12,613	13,554	16,498	165,569R
Plastisol Formulation	5,725	8,888	9,377	6,431	8,003	11,685	6,600	6,953	8,441	7,781	7,316	8,856	96,056R
All Other	6,203	5,643	9,031	5,053	5,202	6,227	3,830	4,506	5,106	4,832	6,238	7,642	69,513R
Resellers	14,891	15,749	20,462	12,889	20,488	22,090	12,476	15,347	18,128	10,257	20,726	19,633	203,136R
All Other Uses	16,545	24,323	29,665	19,729	31,201	36,086	13,933	23,230	25,054	19,521	17,124	23,086	279,497R

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of Pounds, dry weight basis)

(P) = Production
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(U) = Captive use

FULL YEAR 1983

RESIN KIND & USE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (S&U)	48,987	49,524	69,797	52,318	57,718	66,867	53,067	61,526	60,523	59,325	56,059	53,145	688,856R
Total Exports	582	589	722	644	494	450	447	470	360	540	319	250	5,867R
Total Domestic	48,405	48,935	69,075	51,674	57,224	66,417	52,620	61,056	60,163	58,785	55,740	52,895	682,989R
Emulsion Paints	14,156	15,861	21,798	15,534	18,299	23,200	16,318	20,649	18,249	17,009	15,201	14,279	210,553R
Adhesives, Caulks and Sealants	20,204	19,696	27,347	20,847	22,672	25,165	21,616	22,674	24,317	24,268	23,465	21,480	273,751R
Paper Treating & Paper Coating	8,310	7,925	12,955	8,752	9,316	10,114	8,453	10,083	10,314	10,555	10,302	10,251	117,330R
Textile Treating	1,357	1,270	1,657	1,818	2,024	2,870	2,189	1,441	1,981	2,121	2,063	1,810	22,601R
Non-Woven Binders	2,474	2,196	3,076	2,446	2,765	2,651	2,369	2,832	2,709	2,490	2,587	2,617	31,212R
All Other Uses	1,904	1,987	2,242	2,277	2,148	2,417	1,675	3,377	2,593	2,342	2,122	2,458	27,542R
POLYVINYL ALCOHOL, TOTAL (P) #	10,153	10,686	11,469	3,804	12,023	11,920	14,325	10,241	13,491	10,583	9,840	13,641	132,176
POLYVINYL ALCOHOL, TOTAL (S&U) #	10,143	10,373	12,463	10,809	10,532	13,027	11,146	11,970	10,594	11,635	11,377	11,988	136,057
Total Exports	1,113	1,591	2,744	1,732	1,549	2,739	1,926	1,682	1,863	2,306	1,987	2,595	23,827
Total Domestic	9,030	8,782	9,719	9,077	8,983	10,288	9,220	10,288	8,731	9,329	9,390	9,393	112,230
OTHER VINYL RESINS, TOTAL (P)	13,433	13,036	16,792	15,523	15,223	15,752	13,331	16,666	16,504	15,726	17,708	15,864	185,558
OTHER VINYL RESINS, TOTAL (S&U)	10,560	12,867	15,026	14,841	14,243	16,461	13,537	15,387	16,100	17,102	15,428	16,292	177,844
Total Exports	2,769	2,957	3,256	3,161	3,292	3,420	2,798	3,327	3,740	4,461	3,508	3,991	40,680
Total Domestic	7,791	9,910	11,770	11,680	10,951	13,041	10,739	12,060	12,360	12,641	11,920	12,301	137,164
THERMOPLASTIC POLYESTER, TOTAL (P)	54,436	51,092	62,755	62,062	63,511	70,542	70,869	66,305	65,622	74,055	70,389	66,747	778,385R
THERMOPLASTIC POLYESTER, TOTAL (S&U)	54,486	58,129	56,064	63,819	66,169	67,367	65,061	68,616	75,376	72,593	71,258	64,339	783,277
Total Exports	5,352	4,861	4,718	6,285	9,656	9,593	8,440	8,615	9,258	8,408	5,896	4,911	85,993
Total Domestic	49,134	53,268	51,346	57,534	56,513	57,774	56,621	60,001	66,118	64,185	65,362	59,428	697,284
PET Bottle Grades	37,886	39,981	37,702	42,041	42,515	43,322	41,853	43,632	49,224	44,288	48,187	42,887	513,518
All Other Thermoplastic Polyster **	11,248	13,287	13,644	15,493	13,998	14,452	14,768	16,369	16,894	19,897	17,175	16,541	183,766

= Includes imputed data.

** Includes All Other PET and All Injection Molding Grades.

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SECTION I

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS	
EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS)	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS

CATEGORY	CODE
Production	P
Domestic Sales	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

SPI

SECTION I

CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ACME RESINS					PDE															
ADVANCE COATINGS		PD																		
A & E PLASTICS											PDE									
AIR PRODUCTS & CHEMICALS																PDE	DE	PDE		
ALLIED CORPORATION							PDE								PDE					
ALPHA CHEMICAL CORPORATION		PDE																		
AMERICAN CYANAMID COMPANY			PDE	PDE																
AMERICAN HOECHST CORP.- PLASTICS DIVISION							PDE				PDE									
AMERICAN HOECHST CORP.- SOU-TEX DIVISION				PD	PD															
AMETEK, HAVEG DIVISION					PD															
AMERICAN SYNTHETIC RUBBER												PD								
AMOCO CHEMICAL CORPORATION							PDE	PDE			PDE									
ANDERSON DEVELOPMENT CO.														PD						
ARCO CHEMICAL							PDE	PDE			PDE			PDE						
ASHLAND CHEMICAL COMPANY		PDE			PDE															
AZS CORPORATION		PD																		
BADISCHE CORPORATION															PD					
BASF WYANDOTTE											PD									
BELDING CHEMICAL INDUSTRIES															PD					

SPI CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																			
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
BENDIX CORPORATION					PD															
BORDEN CHEMICAL COMPANY			PDE	PD	PDE											PDE	D			
BORG-WARNER CHEMICALS, INC.									PDE											
CARGILL, INC.		PD																		
CELANESE CHEMICAL COMPANY																	D			
CELANESE ENGINEERING RESINS	PDE		PD	PD											PDE					PDE
CERTAIN-TEED PRODUCTS CORP.																PD				
CHEMBOND CORPORATION			PD	PD	PDE															
CHEMPLEX COMPANY						PDE	PDE													
CIBA-GEIGY CORP.	PDE																			
CONOCO INC.																PDE				
COOK PAINT & VARNISH COMPANY		PD																		
COSDEN OIL & CHEMICAL COMPANY											PDE									
CUSTOM RESINS, INC.															PD					
DAN RIVER, INC.			PD	PD																
DOW CHEMICAL U.S.A.	PDE	PDE				PDE	PDE		PDE	PDE	PDE	PD	PD	PDE					PDE	
E.I. DU PONT DE NEMOURS AND COMPANY						PDE	PDE							PD	PDE			PDE	PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE		PDE												PDE
EL PASO CHEMICAL						PDE		PDE												

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																			
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ETHYL CORPORATION																PDE				
EXXON CHEMICAL, AMERICAS						PDE	DE	PDE												
FIRESTONE SYNTHETIC RUBBER & LATEX														PD						
FORMICA CORPORATION				PD	PD															
FORMOSA PLASTICS CORPORATION																PD				
FREEMAN CHEMICAL CORPORATION		PD																		
H.B. FULLER COMPANY																	DE			
GAF CORPORATION																				PDE
LAMINATING PRODUCTS DEPARTMENT GENERAL ELECTRIC COMPANY					PD															
PLASTICS DEPARTMENT GENERAL ELECTRIC COMPANY																				PDE
GENERAL TIRE & RUBBER												PD	PD			PD				
GEORGIA-PACIFIC CORPORATION			PDE		PDE											PDE				
GLIDDEN COATINGS AND RESINS DIV. OF SCM		PD																		
B.F. GOODRICH CHEMICAL COMPANY										PDE				PDE		PDE			PDE	
GOODYEAR CHEMICAL DIVISION												PD	PD	PDE		PDE				PDE
DEWEY & ALMY DIVISION W.R. GRACE & COMPANY									PD			PD	PD				D		PDE	
GRIFFTEX CHEMICALS			PD	PD																
GUARDSMAN CHEMICALS, INC.			PD	PD																

SECTION I

SPI **CRS**

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
GULF OIL PRODUCTS COMPANY						PDE	PDE	PDE			PDE									
HERCULES, INC.														PDE						
HIMONT USA, INC.							PDE	PDE												
HOECHST FIBERS INDUSTRIES																				PDE
HUNTSMAN CHEMICAL CORPORATION											PD									
ICI AMERICAS		PDE																		
INMONT CORPORATION		PD			PD															
INTERPLASTIC CORPORATION		PD																		
IRONSIDES RESINS, INC.					PD															
KESCO CORPORATION			PD		PDE															
KEYSOR-CENTURY CORPORATION																PD				
KOPPERS COMPANY		PD			PDE															
MAPLECHEM, INC.			PD	PD																
MASONITE CORPORATION					PD															
MOBIL CHEMICAL COMPANY						PDE					PDE									
MONSANTO POLYMER PRODUCTS CO.			PDE	PDE	PDE				PDE	PDE	PDE		PD	PDE	PDE		DE	PDE	PDE	
MORTON INDUSTRIES	PDE												PD						PDE	

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																			
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
NATIONAL PETRO CHEMICALS						PD	PD													
NATIONAL STARCH & CHEMICALS CORP																	D			
NORTHERN PETROCHEMICAL						PDE		PDE												
NYLON CORP. OF AMERICA															PD					
OCCIDENTAL CHEMICAL CORP					PDE											PDE				
OWENS-CORNING FIBERGLAS		PDE		PD	PD															
PERKINS INDUSTRIES, INC.			PD		PD															
PERSTORP COMPOUNDS, INC			PDE	PD																
PHILLIPS CHEMICAL COMPANY						DE	PDE	PDE						PDE						
PIONEER PLASTICS		PD	PD	PD	PD															
PLASLOK CORPORATION					PD															
PLASTICS ENGINEERING COMPANY					PDE															
PLASTICS MANUFACTURING CO.			PD	PD																
POLYMER APPLICATION, INC.					PD															
POLYREZ COMPANY, INC.					PDE															
POLYSAR LIMITED												PD	PD							
POLYSAR, INC.											PDE									
PPG INDUSTRIES, INC.		PD																		
RAYMARK INDUSTRIES					PD															
REICHHOLD CHEMICALS, INC.	PDE	PDE	PDE	PDE	PDE							PD					D			

SPI CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
RILSAN CORPORATION															PDE					
ROGERS CORPORATION					PDE															
ROHM AND HAAS COMPANY														PDE			D		PDE	PD
SHAKESPEARE COMPANY															PD					
SHELL CHEMICAL COMPANY	PDE	DE						PDE												
SHERWIN WILLIAMS		PD																		
SHINTECH, INC																PDE				
SILMAR DIV. OF SOHIO CHEM. CO.		PDE																		
SOLTEX POLYMER CORP.							PDE	PDE												
TENNECO POLYMERS, INC.																PDE				
TEXTYRENE PLASTICS											PD									
UNION CARBIDE CORPORATION	PDE				PDE	PDE	PDE										PDE			
UNION CHEMICAL												PD					D		PD	
UNIROYAL CHEMICAL					PDE															
U.S. INDUSTRIAL CHEMICAL						PDE	DE										D			
USS CHEMICAL		PDE						PDE												
VALCHEM DIV. OF UNITED MERCHANTS, INC.			PD																	
VALITE DIVISION OF VALENTINE SUGARS, INC.					PD															
VANLEER CONTAINERS, INC.					PD															

SECTION I

SPI

MONTHLY STATISTICAL REPORT

CRS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																			
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
VITITEK											PD									
WELLMAN, INC.															PDE					
TOTAL 110	7	21	17	16	31	13	15	12	4	3	14	8	7	11	11	14	12	3	8	8

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The Society of the
Plastics Industry, Inc.

MonthlyStatisticalReport-Resins

355 Lexington Avenue
New York, New York 10017
(212) 573-9400

FOR THE MONTH AND PERIOD ENDED JANUARY, 1984

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

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1984 ISSUE NO. 1

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NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

**SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY**

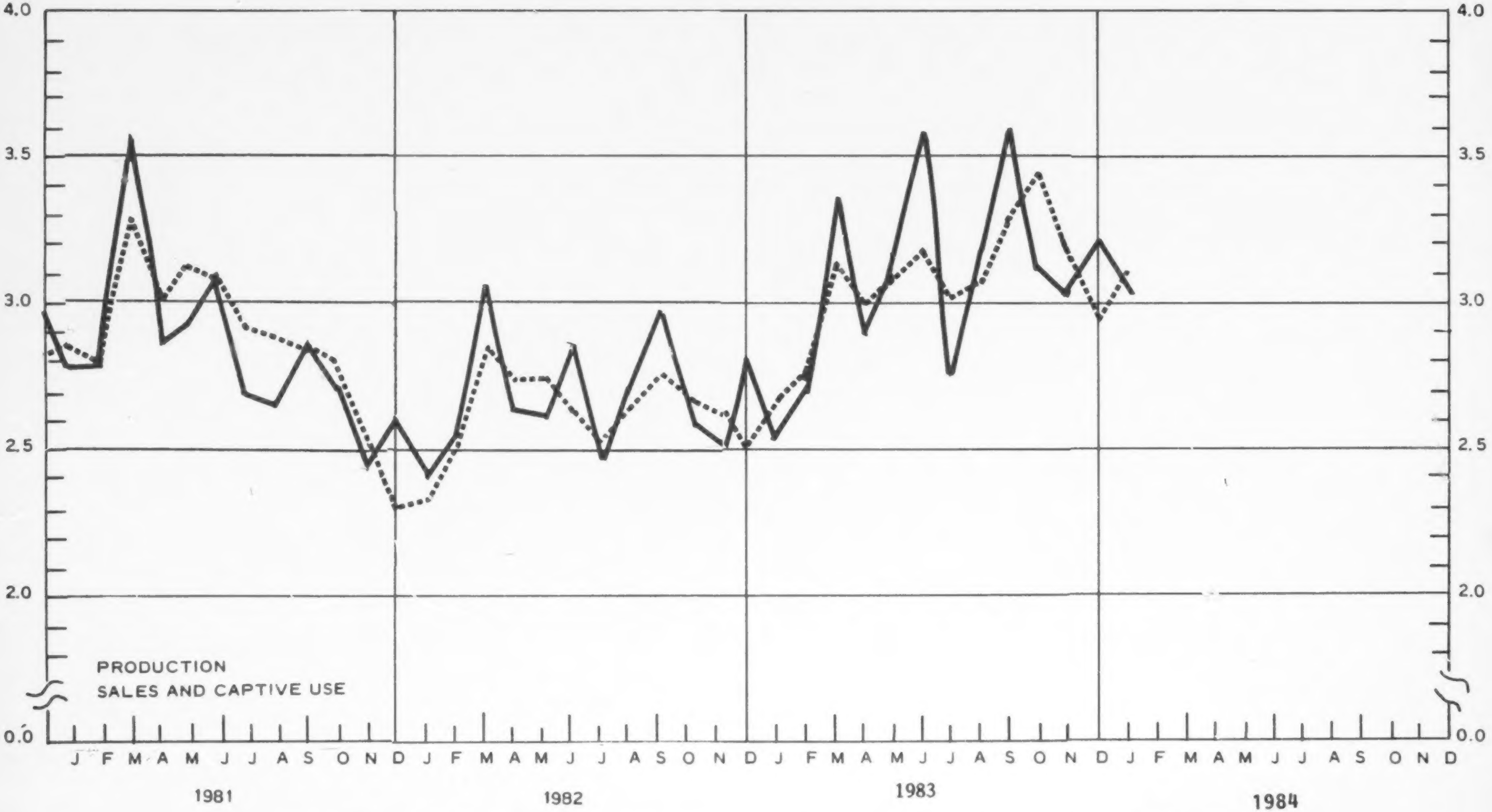
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

JANUARY, 1984



COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

JANUARY 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	28,707	23,557	+21.9	28,707	23,557	+21.9	28,426	22,714	+25.1	28,426	22,714	+25.1
POLYESTER (UNSATURATED) RESINS, TOTAL	91,927	76,153	+20.7	91,927	76,153	+20.7	95,311	77,885	+22.4	95,311	77,885	+22.4
UREA RESINS, TOTAL	94,996	81,296	+16.9	94,996	81,296	+16.9	93,889	79,437	+18.2	93,889	79,437	+18.2
MELAMINE RESINS, TOTAL	17,739	14,080	+26.0	17,739	14,080	+26.0	17,097	11,851	+44.3	17,097	11,851	+44.3
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	207,998	181,694	+14.5	207,998	181,694	+14.5	209,919	172,641	+21.6	209,919	172,641	+21.6
THERMOSETTING RESINS, TOTAL	441,367	376,780	+17.1	441,367	376,780	+17.1	444,642	364,528	+22.0	444,642	364,528	+22.0
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	595,682	559,375	+6.5	595,682	559,375	+6.5	688,519	624,856	+10.2	688,519	624,856	+10.2
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	420,890	375,067	+12.2	420,890	375,067	+12.2	468,416	443,970	+5.5	468,416	443,970	+5.5
POLYPROPYLENE, TOTAL	377,887	334,306	+13.0	377,887	334,306	+13.0	385,942	353,543	+9.2	385,942	353,543	+9.2
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene (3)	108,671	84,521	+28.6	108,671	84,521	+28.6	117,654	81,413	+44.5	117,654	81,413	+44.5
POLYSTYRENE, TOTAL	269,762	241,890	+11.5	269,762	241,890	+11.5	274,546	242,288	+13.3	274,546	242,288	+13.3
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	62,940	48,568	+29.6	62,940	48,568	+29.6	62,453	52,983	+17.9	62,453	52,983	+17.9
NYLON RESINS, TOTAL	31,049	21,887	+41.9	31,049	21,887	+41.9	31,815	17,863	+78.1	31,815	17,863	+78.1
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	589,224	410,872	+43.4	589,224	410,872	+43.4	487,505	405,658	+20.2	487,505	405,658	+20.2
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	56,822	48,987	+16.0	56,822	48,987	+16.0	* 56,822	* 48,987	+16.0	* 56,822	* 48,987	+16.0
POLYVINYL ALCOHOL, TOTAL #	11,887	10,143	+17.2	11,887	10,143	+17.2	9,763	10,153	-3.8	9,763	10,153	-3.8
OTHER VINYL RESINS, TOTAL	13,100	10,560	+24.1	13,100	10,560	+24.1	14,805	13,433	+10.2	14,805	13,433	+10.2
THERMOPLASTIC POLYESTER, TOTAL	63,563	54,486	+16.7	63,563	54,486	+16.7	64,051	54,436	+17.7	64,051	54,436	+17.7
THERMOPLASTIC RESINS, TOTAL	2,601,477	2,200,662	+18.2	2,601,477	2,200,662	+18.2	2,662,291	2,349,583	+13.3	2,662,291	2,349,583	+13.3
GRAND TOTAL	3,042,844	2,577,442	+18.1	3,042,844	2,577,442	+18.1	3,106,933	2,714,111	+14.5	3,106,933	2,714,111	+14.5

(1) = Except phenolic resins which are reported on a gross weight basis
(3) = Includes ABS and SAN.
= Includes imputed data
(4) = Includes Styrene Butadiene Latexes

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In metric tons, dry weight basis)(1)

JANUARY 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	13,021	10,685	+21.9	13,021	10,685	+21.9	12,894	10,303	+25.1	12,894	10,303	+25.1
POLYESTER (UNSATURATED) RESINS, TOTAL	41,698	34,543	+20.7	41,698	34,543	+20.7	43,233	35,328	+22.4	43,233	35,328	+22.4
UREA RESINS, TOTAL	43,090	36,876	+16.9	43,090	36,876	+16.9	42,588	36,033	+18.2	42,588	36,033	+18.2
MELAMINE RESINS, TOTAL	8,046	6,387	+26.0	8,046	6,387	+26.0	7,755	5,376	+44.3	7,755	5,376	+44.3
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	94,348	82,415	+14.5	94,348	82,415	+14.5	95,218	78,309	+21.6	95,218	78,309	+21.6
THERMOSETTING RESINS, TOTAL	200,203	170,906	+17.1	200,203	170,906	+17.1	201,688	165,349	+22.0	201,688	165,349	+22.0
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	270,200	253,731	+6.5	270,200	253,731	6.5	312,311	283,433	+10.2	312,311	283,433	+10.2
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	190,915	170,129	+12.2	190,915	170,129	+12.2	212,472	201,383	+5.5	212,472	201,383	+5.5
POLYPROPYLENE, TOTAL	171,408	151,640	+13.0	171,408	151,640	+13.0	175,062	160,366	+9.2	175,062	160,366	+9.2
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene (3)	49,293	38,338	+28.6	49,293	38,338	+28.6	53,367	36,929	+44.5	53,367	36,929	+44.5
POLYSTYRENE, TOTAL	122,363	109,721	+11.5	122,363	109,721	+11.5	124,533	109,901	+13.3	124,533	109,901	+13.3
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	28,549	22,030	+29.6	28,549	22,030	+29.6	28,329	24,034	+17.9	28,329	24,034	+17.9
NYLON RESINS, TOTAL	14,085	9,928	+41.9	14,085	9,928	+41.9	14,432	8,103	+78.1	14,432	8,103	+78.1
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	267,270	186,370	+43.4	267,270	186,370	+43.4	221,131	184,005	+20.2	221,131	184,005	+20.2
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	25,774	22,220	+16.0	25,774	22,220	+16.0	* 25,774	* 22,220	+16.0	* 25,774	* 22,220	+16.0
POLYVINYL ALCOHOL, TOTAL #	5,391	4,601	+17.2	5,391	4,601	+17.2	4,428	4,605	-3.8	4,428	4,605	-3.8
OTHER VINYL RESINS, TOTAL	5,942	4,790	+24.1	5,942	4,790	+24.1	6,715	6,093	+10.2	6,715	6,093	+10.2
THERMOPLASTIC POLYESTER, TOTAL	28,832	24,716	+16.7	28,832	24,716	+16.7	29,053	24,692	+17.7	29,053	24,692	+17.7
THERMOPLASTIC RESINS, TOTAL	1,180,022	998,214	+18.2	1,180,022	998,214	+18.2	1,207,607	1,065,764	+13.3	1,207,607	1,065,764	+13.3
GRAND TOTAL	1,380,225	1,169,120	+18.1	1,380,225	1,169,120	+18.1	1,409,295	1,231,113	+14.5	1,409,295	1,231,113	+14.5

(1) = Except phenolic resins which are reported on a gross weight basis

(3) = Includes ABS and SAN.

= includes imputed data

(4)-Includes Styrene Butadiene Latexes

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

SPI

CRS

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis)(1)

JANUARY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	28,707	23,557	+21.9	28,707	23,557	+21.9	28,426	22,714	+25.1	28,426	22,714	+25.1
Total Exports	3,085	1,680	+83.6	3,085	1,680	+83.6						
Total Domestic	25,622	21,877	+17.1	25,622	21,877	+17.1						
Bonding & Adhesives	1,464	1,211	+20.9	1,464	1,211	+20.9						
Flooring, Paving & Exposed Aggregate	1,359	1,165	+16.7	1,359	1,165	+16.7						
Protective Coatings	11,195	10,608	+5.5	11,195	10,608	+5.5						
Fiber Reinforced Laminates & Composites, Total	6,834	4,785	+42.8	6,834	4,785	+42.8						
FRL&C for Printed Wiring Board	5,230	3,335	+56.8	5,230	3,335	+56.8						
All Other FRL&C	1,604	1,450	+10.6	1,604	1,450	+10.6						
Tooling, Casting & Molding Resins	2,517	2,219	+13.4	2,517	2,219	+13.4						
All Other Uses	2,253	1,889	+19.3	2,253	1,889	+19.3						
POLYESTER (UNSATURATED) RESINS, TOTAL	91,927	76,153	+20.7	91,927	76,153	+20.7	95,311	77,885	+22.4	95,311	77,885	+22.4
Total Exports	439	844	-48.0	439	844	-48.0						
Total Domestic	91,488	75,309	+21.5	91,488	75,309	+21.5						
General Purpose Resins, Total	82,477	66,563	+23.9	82,477	66,563	+23.9						
General Purpose — Thixotropic	36,932	28,137	+31.3	36,932	28,137	+31.3						
General Purpose — Press Molding	14,892	10,732	+38.8	14,892	10,732	+38.8						
General Purpose — All Other	30,653	27,694	+10.7	30,653	27,694	+10.7						
Flame Retardant Resins	1,439	1,622	-11.3	1,439	1,622	-11.3						
Chemical Resistant Resins	7,572	7,124	+6.3	7,572	7,124	+6.3						
Chemical Resistant Isophthalic Resins	5,241	5,094	+2.9	5,241	5,094	+2.9						
All Other Chemical Resistant Resins	2,331	2,030	+14.8	2,331	2,030	+14.8						
Reinforced Plastics, Total	70,092	57,834	+21.2	70,092	57,834	+21.2						
Non-Reinforced Plastics, Total	21,396	17,475	+22.4	21,396	17,475	+22.4						

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

THERMOSETTING RESINS

JANUARY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
UREA RESINS, TOTAL	94,996	81,296	+16.9	94,996	81,296	+16.9	93,889	79,437	+18.2	93,990	79,437	+18.2
MELAMINE RESINS, TOTAL	17,739	14,080	+26.0	17,739	14,080	+26.0	17,097	11,851	+44.3	17,097	11,851	+44.3
UREA & MELAMINE RESINS, TOTAL	112,735	95,376	+18.2	112,735	95,376	+18.2	110,986	91,288	+21.6	110,986	91,288	+21.6
Total Exports	D	D		D	D							
Total Domestic *	112,735	95,376	+18.2	112,735	95,376	+18.2						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	9,680	4,250	+127.8	9,680	4,250	+127.8	8,975	8,289	+8.3	8,975	8,289	+8.3
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	82,207	68,507	+20.0	82,207	68,507	+20.0	81,720	69,346	+17.8	81,720	69,346	+17.8
Laminating	3,828	3,306	+15.8	3,828	3,306	+15.8	3,702	3,320	+11.5	3,702	3,320	+11.5
Plywood	3,918	3,788	+3.4	3,918	3,788	+3.4	3,963	4,046	-2.1	3,963	4,046	-2.1
Fibrous & Granulated Wood (Particle Board)	74,461	61,413	+21.2	74,461	61,413	+21.2	74,055	61,980	+19.5	74,055	61,980	+19.5
Protective Coatings (Straight & Modified)	6,156	6,355	-3.1	6,156	6,355	-3.1	8,030	4,613	+74.1	8,030	4,613	+74.1
All Other Uses (Includes Textile Treating & Coating Resins MOLDING COMPOUNDS & EXPORTS)	14,692	16,264	-9.7	14,692	16,264	-9.7	12,261	9,040	+35.6	12,261	9,040	+35.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	207,998	181,694	+14.5	207,998	181,694	+14.5	209,919	172,641	+21.6	209,919	172,641	+21.6
Total Exports	1,540	1,804	-14.6	1,540	1,804	-14.6						
Total Domestic	206,458	179,890	+14.8	206,458	179,890	+14.8						
Molding Compounds	21,752	13,567	+60.3	21,752	13,567	+60.3	21,941	15,020	+46.1	21,941	15,020	+46.1
Bonding & Adhesive Resins for:	180,861	162,493	+11.3	180,861	162,493	+11.3	183,898	153,536	+19.8	183,898	153,536	+19.8
Laminating	13,806	13,181	+4.7	13,806	13,181	+4.7	13,976	10,109	+38.3	13,976	10,109	+38.3
Coated & Bonded Abrasives	3,059	1,667	+83.5	3,059	1,667	+83.5	2,943	1,472	+99.9	2,943	1,472	+99.9
Friction Materials	2,903	1,887	+53.8	2,903	1,887	+53.8	2,860	1,960	+45.9	2,860	1,960	+45.9
Insulation Materials	29,662	22,836	+29.9	29,662	22,836	+29.9	29,551	19,467	+51.8	29,551	19,467	+51.8
Foundry & Shell Molding	5,958	4,857	+22.7	5,958	4,857	+22.7	5,977	4,873	+22.7	5,977	4,873	+22.7
Plywood	104,748	96,255	+8.8	104,748	96,255	+8.8	107,143	94,059	+13.9	107,143	94,059	+13.9
Fibrous & Granulated Wood	13,148	15,032	-12.5	13,148	15,032	-12.5	13,583	14,670	-7.4	13,583	14,670	-7.4
Resins Sold to Rubber Industry	3,235	2,176	+48.7	3,235	2,176	+48.7	3,585	2,284	+57.0	3,585	2,284	+57.0
All Other	4,342	4,602	-5.6	4,342	4,602	-5.6	4,280	4,642	-7.8	4,280	4,642	-7.8
Protective Coatings — Unmodified & Modified	1,940	1,423	+36.3	1,940	1,423	+36.3	1,893	1,721	+10.0	1,893	1,721	+10.0
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	1,905	2,407	-20.9	1,905	2,407	-20.9	2,187	2,364	-7.5	2,187	2,364	-7.5

(1) = Except phenolic resins which are reported on a gross weight basis

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# = Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

*-Domestic total includes exports.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JANUARY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	595,682	559,375	+6.5	595,682	559,375	+6.5	688,519	624,856	+10.2	688,519	624,856	+10.2
Total Exports	45,340	64,208	-29.4	45,340	64,208	-29.4						
Total Domestic	550,342	495,167	+11.1	550,342	495,167	+11.1						
Film (12 Mils & Below)	352,153	324,736	+8.4	352,153	324,736	+8.4						
Sheet (Over 12 Mils)	D	D		D	D							
Injection Molding	38,267	37,774	+1.3	38,267	37,774	+1.3						
Wire & Cable	27,670	24,452	+13.2	27,670	24,452	+13.2						
Extrusion Coating	47,156	39,653	+18.9	47,156	39,653	+18.9						
Blow Molding	3,372	2,499	+34.9	3,372	2,499	+34.9						
Pipe & Conduit, Total	2,871	788	+264.3	2,871	788	+264.3						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	6,939	5,297	+31.0	6,939	5,297	+31.0						
All Other Uses	71,914	59,968	19.9	71,914	59,968	+19.9						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	420,890	375,067	+12.2	420,890	375,067	+12.2	468,416	443,970	+5.5	468,416	443,970	+5.5
Total Exports	46,977	60,875	-22.8	46,977	60,875	-22.8						
Total Domestic	373,913	314,192	+19.0	373,913	314,192	+19.0						
Film (12 Mils & Below)	23,367	26,323	-11.2	23,367	26,323	-11.2						
Sheet (Over 12 Mils)	7,749	7,782	-0.4	7,749	7,782	-0.4						
Injection Molding	85,928	75,521	+13.8	85,928	75,521	+13.8						
Wire & Cable	8,182	8,944	-8.5	8,182	8,944	-8.5						
Extrusion Coating	D	D		D	D							
Blow Molding	164,055	128,702	+27.5	164,055	128,702	+27.5						
Pipe & Conduit, Total	25,199	22,182	+13.6	25,199	22,182	+13.6						
Corrugated Pipe & Conduit	6,829	10,071	-32.2	6,829	10,071	-32.2						
Non-Corrugated Pipe & Conduit	18,370	12,111	+51.7	18,370	12,111	+51.7						
Other Extruded Products	3,108	3,161	-1.7	3,108	3,161	-1.7						
All Other Uses	56,325	41,577	+35.5	56,325	41,577	+35.5						

D = Disclosure
(2) = Included in Other Extruded Products
(3) = Included in Film

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JANUARY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYPROPYLENE, TOTAL	377,887	334,306	+13.0	377,887	334,306	+13.0	385,942	353,543	+9.2	385,942	353,543	+9.2
Total Exports	60,539	67,991	-11.0	60,539	67,991	-11.0						
Total Domestic	317,348	266,315	+19.2	317,348	266,315	+19.2						
Injection Molding	105,992	93,226	+13.7	105,992	93,226	+13.7						
Appliances	8,840	7,575	+16.7	8,840	7,575	+16.7						
Consumer Products	22,484	24,175	-7.0	22,484	24,175	-7.0						
Rigid Packaging	25,938	28,059	-7.6	25,938	28,059	-7.6						
Transportation	30,027	22,459	+33.7	30,027	22,459	+33.7						
All Other Injection Molding	18,703	10,958	+70.7	18,703	10,958	+70.7						
Blow Molding	8,144	7,334	+11.0	8,144	7,334	+11.0						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	31,130	27,817	+11.9	31,130	27,817	+11.9						
Sheet (Over 10 Mils)	4,003	2,372	+68.8	4,003	2,372	+68.8						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	110,352	87,880	+25.6	110,352	87,880	+25.6						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	8,444	5,706	+48.0	8,444	5,706	+48.0						
Resellers & Compounders	30,029	27,619	+8.7	30,029	27,619	+8.7						
All Other Uses	19,254	14,361	+34.1	19,254	14,361	+34.1						

D = Disclosure

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= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

SPI | SECTION I | CRS

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JANUARY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	D	D		D	D		D	D		D	D	
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	D	D		D	D		D	D		D	D	
Total Exports												
Total Domestic												
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene (3)	108,671	84,521	+28.6	108,671	84,521	+28.6	117,654	81,413	+44.5	117,654	81,413	+44.5
Total Export	8,771	7,816	+12.2	8,771	7,816	+12.2						
Total Domestic	99,900	76,705	+30.2	99,900	76,705	+30.2						
Molding & Extrusion	95,272	72,714	+31.0	95,272	72,714	+31.0						
Coatings	4,628	3,991	+16.0	4,628	3,991	+16.0						
POLYSTYRENE RESINS, TOTAL	269,762	241,890	+11.5	269,762	241,890	+11.5	274,546	242,288	+13.3	274,546	242,288	+13.3
Straight Polystyrene	139,742	129,651	+7.8	139,742	129,651	+7.8	139,384	133,701	+4.3	139,384	133,701	+4.3
Rubber-Modified Polystyrene	130,020	112,239	+15.8	130,020	112,239	+15.8	135,162	108,587	+24.5	135,162	108,587	+24.5
Total Exports	7,218	5,057	+42.7	7,218	5,057	+42.7						
Straight Polystyrene	3,325	3,011	+10.4	3,325	3,011	+10.4						
Rubber-Modified Polystyrene	3,893	2,046	+90.3	3,893	2,046	+90.3						
Total Domestic	262,544	236,833	+10.9	262,544	236,833	+10.9						
Molding	103,732	98,738	+5.1	103,732	98,738	+5.1						
Extrusion	96,868	82,571	+17.3	96,868	82,571	+17.3						
Expandable Polystyrene Beads	33,947	31,862	+6.5	33,947	31,862	+6.5						
All Other Uses	27,997	23,662	+18.3	27,997	23,662	+18.3						
Polystyrene End Uses, Total**	262,544	236,833	+10.9	262,544	236,833	+10.9						
Packaging	68,916	55,372	+24.5	68,916	55,372	+24.5						
Disposables	37,715	31,102	+21.3	37,715	31,102	+21.3						
Consumer and Institutional Products	37,628	34,788	+8.2	37,628	34,788	+8.2						
Electrical/Electronics	15,644	27,728	-43.6	15,644	27,728	-43.6						
Furniture, Furnishings, Building & Construction	12,760	11,177	+14.2	12,760	11,177	+14.2						
Expandable Polystyrene Beads	33,947	31,862	+6.5	33,947	31,862	+6.5						
All Other End Uses	55,934	44,804	+24.8	55,934	44,804	+24.8						

(3) Includes ABS and SAN.

**Portions of the End Use Section are estimated.

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

JANUARY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including butadiene latexes not carboxylated	D	D		D	D		D	D		D	D	
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL***	62,940	48,568	+29.6	62,940	48,568	+29.6	62,453	52,983	+17.9	62,453	52,983	+17.9
Paper Treating	2,689	2,273	+18.3	2,689	2,273	+18.3						
Textile Treating	1,308	1,636	-20.0	1,308	1,636	-20.0						
Carpet Backing	23,766	18,956	+25.4	23,766	18,956	+25.4						
All Other Uses (Including Exports & Paper Coating)	35,177	25,703	+36.9	35,177	25,703	+36.9						
NYLON RESINS, TOTAL	31,049	21,887	+41.9	31,049	21,887	+41.9	31,815	17,863	+78.1	31,815	17,863	+78.1
Total Exports	1,534	1,339	+14.6	1,534	1,339	+14.6						
Total Domestic	29,515	20,548	+43.6	29,515	20,548	+43.6						
Injection Molding Grade	20,580	12,474	+65.0	20,580	12,474	+65.0						
Extrusion Grade	7,142	6,895	+3.6	7,142	6,895	+3.6						
Resellers and Compounders	1,436	768	+87.0	1,436	768	+87.0						
All Other Uses	357	411	-13.1	357	411	-13.1						

***Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

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D = Disclosure

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JANUARY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	589,224	410,872	+43.4	589,224	410,872	+43.4	487,505	405,658	+20.2	487,505	405,658	+20.2
Homopolymer Resins Including Blending & Latex	535,971	361,151	+48.4	535,971	361,151	+48.4	434,855	359,470	+21.0	434,855	359,470	+21.0
Copolymer Resins Including Blending & Latex	24,082	19,676	+22.4	24,082	19,676	+22.4	22,865	19,743	+15.8	22,865	19,743	+15.8
Dispersion Resins	29,171	30,045	-2.9	29,171	30,045	-2.9	29,785	26,445	+12.6	29,785	26,445	+12.6
Total Exports	33,069	42,748	-22.6	33,069	42,748	-22.6						
Total Domestic	556,155	368,124	+51.1	556,155	368,124	+51.1						
Calendering, Total	61,774	48,102	+28.4	61,774	48,102	+28.4						
Flooring	12,119	9,592	+26.3	12,119	9,592	+26.3						
Textile	8,912	6,482	+37.5	8,912	6,482	+37.5						
All Other Calendering Uses	40,743	32,028	+27.2	40,743	32,028	+27.2						
Coating, Total	30,653	25,625	+19.6	30,653	25,625	+19.6						
Flooring	8,450	11,006	-23.2	8,450	11,006	-23.2						
Textile & Paper Coating	10,793	8,532	+26.5	10,793	8,532	+26.5						
Protective Coatings	3,538	3,043	+16.3	3,538	3,043	+16.3						
Adhesives & All Other Coating Uses	7,872	3,044	+158.6	7,872	3,044	+158.6						
Extrusion, Total	358,047	224,580	+59.4	358,047	224,580	+59.4						
Wire & Cable	34,234	23,153	+47.9	34,234	23,153	+47.9						
Film & Sheet	25,952	21,120	+22.9	25,952	21,120	+22.9						
Rigid Pipe & Tubing (Except Fittings)	240,385	142,519	+68.7	240,385	142,519	+68.7						
All Other Extrusions	57,476	37,788	+52.1	57,476	37,788	+52.1						
Molding, Total	42,009	26,453	+58.8	42,009	26,453	+58.8						
Bottles	17,224	7,735	+122.7	17,224	7,735	+122.7						
Sound Records	5,352	5,451	-1.8	5,352	5,451	-1.8						
Fittings (Rigid Pipe & Tubing)	11,147	6,856	+62.6	11,147	6,856	+62.6						
All Other Molding	8,286	6,411	+29.2	8,286	6,411	+29.2						
Paste Processes (Except Coating)	12,584	11,928	+5.5	12,584	11,928	+5.5						
Plastisol Formulation	7,719	5,725	+34.8	7,719	5,725	+34.8						
All Other	4,865	6,203	-21.6	4,865	6,203	-21.6						
Resellers & Compounders	14,048	14,891	-5.7	14,048	14,891	-5.7						
All Other Uses	37,040	16,545	+123.9	37,040	16,545	+123.9						

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JANUARY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	56,822	48,987	+16.0	56,822	48,987	+16.0						
Total Exports	255	582	-56.2	255	582	-56.2						
Total Domestic	56,567	48,405	+16.9	56,567	48,405	+16.9						
Emulsion Paints	16,818	14,156	+18.8	16,818	14,156	+18.8						
Adhesives, Caulks and Sealants	22,087	20,204	+9.3	22,087	20,204	+9.3						
Paper Treating & Paper Coating	10,600	8,310	+27.6	10,600	8,310	+27.6						
Textile Treating	2,268	1,357	+67.1	2,268	1,357	+67.1						
Non-Woven Binders	2,515	2,474	+1.7	2,515	2,474	+1.7						
All Other Uses	2,279	1,904	+19.7	2,279	1,904	+19.7						
POLYVINYL ALCOHOL, TOTAL #	11,887	10,143	+17.2	11,887	10,143	+17.2	9,763	10,153	-3.8	9,763	10,153	-3.8
Total Exports	2,332	1,113	+109.5	2,332	1,113	+109.5						
Total Domestic	9,555	9,030	+5.8	9,555	9,030	+5.8						
OTHER VINYL RESINS*, TOTAL	13,100	10,560	+24.1	13,100	10,560	+24.1	14,805	13,433	+10.2	14,805	13,433	+10.2
Total Exports	3,340	2,769	+20.6	3,340	2,769	+20.6						
Total Domestic	9,760	7,791	+25.3	9,760	7,791	+25.3						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	63,563	54,486	+16.7	63,563	54,486	+16.7	64,051	54,436	+17.7	64,051	54,436	+17.7
Total Exports	10,716	5,352	+100.2	10,716	5,352	+100.2						
Total Domestic	52,847	49,134	+7.6	52,847	49,134	+7.6						
PET Bottle Grades	35,906	37,886	-5.2	35,906	37,886	-5.2						
All Other Thermoplastic Polyester**	16,941	11,248	+50.6	16,941	11,248	+50.6						

**Includes All Other PET and All Injection Molding Grades

# = Includes imputed data

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS

EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS)	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS

CATEGORY	CODE
Production	P
Domestic Sales	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

SPI CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ACME RESINS					PDE															
ADVANCE COATINGS		PD																		
A & E PLASTICS											PDE									
AIR PRODUCTS & CHEMICALS																PDE	DE	PDE		
ALLIED CORPORATION							PDE								PDE					
ALPHA CHEMICAL CORPORATION		PDE																		
AMERICAN CYANAMID COMPANY			PDE	PDE																
AMERICAN HOECHST CORP.- PLASTICS DIVISION							PDE				PDE									
AMERICAN HOECHST CORP.- SOU-TEX DIVISION				PD	PD															
AMETEK, HAVEG DIVISION					PD															
AMERICAN SYNTHETIC RUBBER												PD								
AMOCO CHEMICAL CORPORATION							PDE	PDE			PDE									
ANDERSON DEVELOPMENT CO.														PD						
ARCO CHEMICAL							PDE	PDE			PDE			PDE						
ASHLAND CHEMICAL COMPANY		PDE			PDE															
AZS CORPORATION		PD																		
BADISCHE CORPORATION															PD					
BASF WYANDOTTE											PD									
BELDING CHEMICAL INDUSTRIES															PD					

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
BENDIX CORPORATION					PD															
BORDEN CHEMICAL COMPANY			PDE	PD	PDE											PDE	D			
BORG-WARNER CHEMICALS, INC.									PDE											
CARGILL, INC.		PD																		
CELANESE CHEMICAL COMPANY																	D			
CELANESE ENGINEERING RESINS	PDE		PD	PD											PDE					PDE
CERTAIN-TEED PRODUCTS CORP.																PD				
CHEMBOND CORPORATION			PD	PD	PDE															
CHEMPLEX COMPANY						PDE	PDE													
CIBA-GEIGY CORP.	PDE																			
CONOCO INC.																PDE				
COOK PAINT & VARNISH COMPANY		PD																		
COSDEN OIL & CHEMICAL COMPANY											PDE									
CUSTOM RESINS, INC.															PD					
DAN RIVER, INC.			PD	PD																
DOW CHEMICAL U.S.A.	PDE	PDE				PDE	PDE		PDE	PDE	PDE	PD	PD	PDE					PDE	
E.I. DU PONT DE NEMOURS AND COMPANY						PDE	PDE							PD	PDE			PDE	PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE		PDE												PDE
EL PASO CHEMICAL						PDE		PDE												

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
EXXON CHEMICAL, AMERICAS						PDE	DE	PDE												
FIRESTONE SYNTHETIC RUBBER & LATEX														PD						
FORMICA CORPORATION				PD	PD															
FORMOSA PLASTICS CORPORATION																PD				
FREEMAN CHEMICAL CORPORATION		PD																		
H.B. FULLER COMPANY																	DE			
GAF CORPORATION																				PDE
LAMINATING PRODUCTS DEPARTMENT GENERAL ELECTRIC COMPANY					PD															
PLASTICS DEPARTMENT GENERAL ELECTRIC COMPANY																				PDE
GENERAL TIRE & RUBBER												PD	PD			PD				
GEORGIA-PACIFIC CORPORATION			PDE		PDE						PD					PDE				
GLIDDEN COATINGS AND RESINS DIV. OF SCM		PD																		
B.F. GOODRICH CHEMICAL COMPANY																PDE				
GOODYEAR CHEMICAL DIVISION												PD	PD	PDE		PDE				PDE
DEWEY & ALMY DIVISION W.R. GRACE & COMPANY									PD			PD	PD				D		PDE	
GRIFFTEX CHEMICALS			PD	PD																
GUARDSMAN CHEMICALS, INC.			PD	PD																

SECTION I

SPI

CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
GULF OIL PRODUCTS COMPANY						PDE	PDE	PDE			PDE									
HERCULES, INC.														PDE						
HIMONT USA, INC.							PDE	PDE												
HOECHST FIBERS INDUSTRIES																				PDE
HUNTSMAN CHEMICAL CORPORATION											PD									
ICI AMERICAS		PDE																		
INMONT CORPORATION		PD			PD															
INTERPLASTIC CORPORATION		PD																		
IRONSIDES RESINS, INC.					PD															
KEYSOR-CENTURY CORPORATION																PD				
KOPPERS COMPANY		PD			PDE															
MAPLECHEM, INC.			PD	PD																
MASONITE CORPORATION					PD															
MOBIL CHEMICAL COMPANY						PDE					PDE									
MONSANTO POLYMER PRODUCTS CO.			PDE	PDE	PDE				PDE	PDE	PDE		PD	PDE	PDE		DE	PDE	PDE	
MORTON INDUSTRIES													PD						PDE	

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																			
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
NATIONAL STARCH & CHEMICALS CORP																	D			
NORTHERN PETROCHEMICAL						PDE		PDE												
NYLON CORP. OF AMERICA															PD					
OCCIDENTAL CHEMICAL CORP					PDE											PDE				
OWENS-CORNING FIBERGLAS		PDE		PD	PD															
PERKINS INDUSTRIES, INC.			PD		PD															
PERSTORP COMPOUNDS, INC			PDE	PD																
PHILLIPS CHEMICAL COMPANY						DE	PDE	PDE						PDE						
PIONEER PLASTICS		PD	PD	PD	PD															
PLASLOK CORPORATION					PD															
PLASTICS ENGINEERING COMPANY					PDE															
PLASTICS MANUFACTURING CO.			PD	PD																
POLYMER APPLICATION, INC.					PD															
POLYREZ COMPANY, INC.					PDE															
POLYSAR LIMITED												PD	PD							
POLYSAR, INC.											PDE									
RAYMARK INDUSTRIES					PD															
REICHHOLD CHEMICALS, INC.	PDE	PDE	PDE	PDE	PDE							PD					D			

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
RILSAN CORPORATION															PDE					
ROGERS CORPORATION					PDE															
ROHM AND HAAS COMPANY														PDE			D		PDE	PD
SHAKESPEARE COMPANY															PD					
SHELL CHEMICAL COMPANY	PDE							PDE												
SHERWIN WILLIAMS		PD																		
SHINTECH, INC																PDE				
SILMAR DIV. OF SOHIO CHEM. CO.		PDE																		
SOLTEX POLYMER CORP.							PDE	PDE												
TENNECO POLYMERS, INC.																PDE				
TEXTYRENE PLASTICS											PD									
UNION CARBIDE CORPORATION	PDE				PDE	PDE	PDE										PDE			
UNION CHEMICAL												PD					D		PD	
UNIROYAL CHEMICAL					PDE															
U.S. INDUSTRIAL CHEMICAL						PDE	DE										D			
USS CHEMICAL		PDE						PDE												
VALCHEM DIV. OF UNITED MERCHANTS, INC.			PD																	
VALITE DIVISION OF VALENTINE SUGARS, INC.					PD															
VANLEER CONTAINERS, INC.					PD															

SECTION I

SPI **CRS**

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
VITITEK											PD									
WELLMAN, INC.															PDE					
TOTAL 106	6	19	16	16	30	12	14	12	4	2	15	8	7	10	11	13	12	3	7	8

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The Society of the
Plastics Industry, Inc.

MonthlyStatisticalReport-Resins

355 Lexington Avenue
New York, New York 10017
(212) 573-9400

FOR THE MONTH AND PERIOD ENDED FEBRUARY, 1984

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

1984 ISSUE NO. 2
RELEASE DATE: APRIL 13, 1984

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

**SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY**

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The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

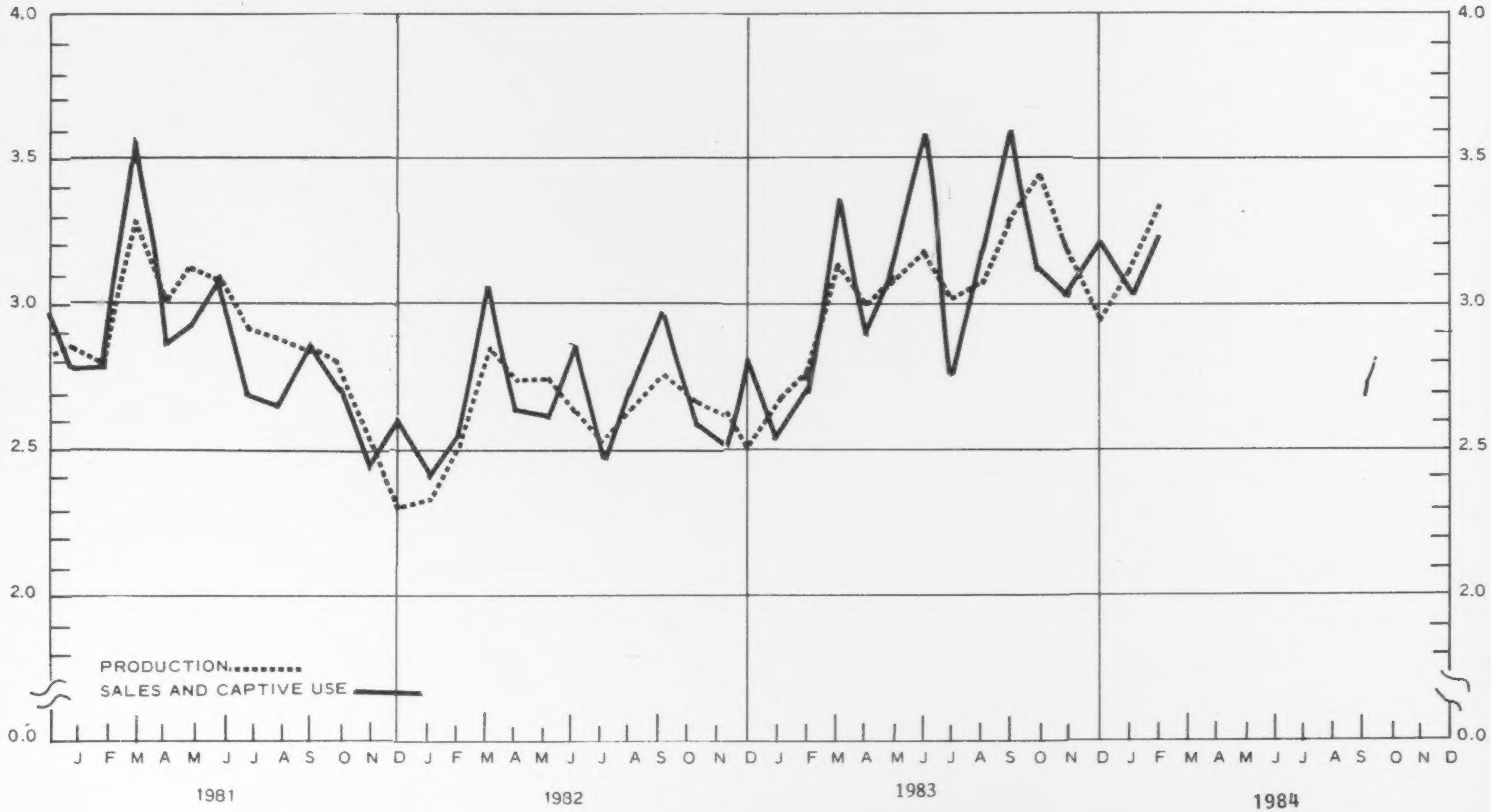
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

FEBRUARY, 1984



COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

FEBRUARY 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	33,555	23,398	+43.4	62,262	46,955	+32.6	30,113	23,228	+29.6	58,539	45,942	+27.4
POLYESTER (UNSATURATED) RESINS, TOTAL	95,990	73,448	+30.7	188,418R	149,601	+25.9	97,085	73,694	+31.7	192,896R	151,579	+27.3
UREA RESINS, TOTAL	96,928	84,806	+14.3	193,305R	166,102	+16.4	98,041	85,710	+14.4	193,319R	165,147	+17.1
MELAMINE RESINS, TOTAL	17,025	12,775	+33.3	34,771R	26,855	+29.5	15,958	14,163	+12.7	33,061R	26,014	+27.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	212,670	189,066	+12.5	420,668	370,760	+13.5	213,377	186,106	+14.7	423,296	358,747	+18.0
THERMOSETTING RESINS, TOTAL	456,169	383,493	+19.0	899,424	760,273	+18.3	454,574	382,901	+18.7	901,111	747,429	+20.6
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	624,142	574,652	+8.6	1,219,824	1,134,027	+7.6	670,092	633,492	+5.8	1,358,611	1,258,348	+8.0
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	466,892	367,687	+27.0	887,782	742,754	+19.5	514,284	424,458	+21.2	982,700	868,428	+13.2
POLYPROPYLENE, TOTAL	376,792	328,105	+14.8	754,679	662,411	+13.9	410,009	352,675	+16.3	795,951	706,218	+12.7
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene (3)	126,536	99,914	+26.6	235,207	184,435	+27.5	141,345	97,854	+44.4	258,999	179,267	+44.5
POLYSTYRENE, TOTAL	298,648	261,256	+14.3	568,410	503,146	+13.0	292,653	237,318	+23.3	567,199	479,606	+18.3
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	63,420	48,529	+30.7	126,360	97,097	+30.1	62,276	49,090	+26.9	124,729	102,073	+22.2
NYLON RESINS, TOTAL	32,714	23,415	+39.7	63,763	45,302	+40.8	30,666	20,829	+47.2	62,481	38,692	+61.5
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	631,420	501,094	+26.0	1,222,502R	911,966	+34.1	593,037	457,921	+29.5	1,087,649R	863,579	+25.9
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	57,802	49,524	+16.7	118,169R	98,511	+20.0	* 57,802	* 49,524	+16.7	* 118,169R	* 98,511	+20.0
POLYVINYL ALCOHOL, TOTAL #	11,254	10,373	+8.5	23,141	20,516	+12.8	12,373	10,686	+15.8	22,136	20,839	+6.2
OTHER VINYL RESINS, TOTAL	14,131	12,867	+9.8	27,231	23,427	+16.2	14,170	13,036	+8.7	28,975	26,469	+9.5
THERMOPLASTIC POLYESTER, TOTAL	62,020	58,129	+6.7	125,583	112,615	+11.5	67,952	51,092	+33.0	132,003	105,528	+25.1
THERMOPLASTIC RESINS, TOTAL	2,765,771	2,335,545	+18.4	5,372,651R	4,536,207	+18.4	2,866,659	2,397,975	+19.5	5,539,602R	4,747,558	+16.7
GRAND TOTAL	3,221,940	2,719,038	+18.5	6,272,075R	5,296,480	+18.4	3,321,233	2,780,876	+19.4	6,440,713R	5,494,987	+17.2

(1) = Except phenolic resins which are reported on a gross weight basis
(3) = Includes ABS and SAN
(4) = Includes Styrene Butadiene Latexes
# = Includes imputed data
D = Disclosure
R = Revision

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In metric tons, dry weight basis)(1)

FEBRUARY 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	15,220	10,613	+43.4	28,242	21,299	+32.6	13,659	10,536	+29.6	26,553	20,839	+27.4
POLYESTER (UNSATURATED) RESINS, TOTAL	43,541	33,316	+30.7	85,466	67,858	+25.9	44,038	33,427	+31.7	87,497	68,756	+27.3
UREA RESINS, TOTAL	43,966	38,468	+14.3	87,682	75,343	+16.4	44,471	38,878	+14.4	87,689	74,910	+17.1
MELAMINE RESINS, TOTAL	7,723	5,795	+33.3	15,772	12,181	+29.5	7,238	6,424	+12.7	14,996	11,800	+27.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	96,466	85,760	+12.5	190,814	168,176	+13.5	96,787	84,417	+14.7	192,006	162,727	+18.0
THERMOSETTING RESINS, TOTAL	206,916	173,952	+19.0	407,976	344,857	+18.3	206,193	173,682	+18.7	408,741	339,032	+20.6
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	283,109	260,660	+8.6	553,308	514,391	+7.6	303,953	287,350	+5.8	616,262	570,783	+8.0
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	211,781	166,782	+27.0	402,695	336,912	+19.5	233,278	192,533	+21.2	445,750	393,916	+13.2
POLYPROPYLENF, TOTAL	170,912	148,827	+14.8	342,320	300,467	+13.9	185,979	159,972	+16.3	361,041	320,338	+12.7
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene (3)	57,396	45,321	+26.6	106,689	83,659	+27.5	64,114	44,385	+44.4	117,481	81,315	+44.5
POLYSTYRENE, TOTAL	135,466	118,505	+14.3	257,829	228,226	+13.0	132,746	107,647	+23.3	257,280	217,548	+18.3
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	28,767	22,013	+30.7	57,316	44,043	+30.1	28,248	22,267	+26.9	56,577	46,300	+22.2
NYLON RESINS, TOTAL	14,839	10,621	+39.7	28,923	20,549	+40.8	13,910	9,448	+47.2	28,341	17,550	+61.5
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	286,410	227,295	+26.0	554,523	413,665	+34.1	268,999	207,712	+29.5	493,354	391,717	+25.9
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	26,219	22,464	+16.7	53,602	44,684	+20.0	* 26,219	* 22,464	+16.7	* 53,601	* 44,684	+20.0
POLYVINYL ALCOHOL, TOTAL #	5,105	4,705	+8.5	10,497	9,306	+17.8	5,612	4,847	+15.8	10,041	9,452	+6.2
OTHER VINYL RESINS, TOTAL	6,410	5,836	+9.8	12,352	10,626	+16.2	6,427	5,913	+8.7	13,143	12,007	+9.5
THERMOPLASTIC POLYESTER, TOTAL	28,132	26,367	+6.7	56,964	51,082	+11.5	30,823	23,175	+33.0	59,876	47,868	+25.1
THERMOPLASTIC RESINS, TOTAL	1,254,546	1,059,396	+18.4	2,437,018	2,057,610	+18.4	1,300,308	1,087,714	+19.5	2,512,747	2,153,478	+16.7
GRAND TOTAL	1,461,462	1,233,348	+18.5	2,844,994	2,402,467	+18.4	1,506,501	1,261,396	+19.4	2,921,488	2,492,510	+17.2

(1) = Except phenolic resins which are reported on a gross weight basis
(3) = Includes ABS and SAN
(4) = Includes Styrene Butadiene Latexes
# = Includes imputed data
D = Disclosure

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

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MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)(1)

THERMOSETTING RESINS

FEBRUARY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	33,555	23,398	+43.4	62,262	46,955	+32.6	30,113	23,228	+29.6	58,539	45,942	+27.4
Total Exports	2,234	2,103	+6.2	5,319	3,783	+40.6						
Total Domestic	31,321	21,295	+47.1	56,943	43,172	+31.9						
Bonding & Adhesives	1,689	1,090	+55.0	3,153	2,301	+37.0						
Flooring, Paving & Exposed Aggregate	1,757	1,473	+19.3	3,116	2,638	+18.1						
Protective Coatings	14,470	9,542	+51.6	25,665	20,150	+27.4						
Fiber Reinforced Laminates & Composites, Total	8,141	5,008	+62.6	14,975	9,793	+52.9						
FRL&C for Printed Wiring Board	6,151	3,628	+69.5	11,381	6,963	+63.4						
All Other FRL&C	1,990	1,380	+44.2	3,594	2,830	+27.0						
Tooling, Casting & Molding Resins	3,350	1,822	+83.9	5,867	4,041	+45.2						
All Other Uses	1,914	2,360	-18.9	4,167	4,249	-1.9						
POLYESTER (UNSATURATED) RESINS, TOTAL	95,990	73,448	+30.7	188,418R	149,601	+25.9	97,085	73,694	+31.7	192,896R	151,579	+27.3
Total Exports	639	712	-10.3	1,093R	1,556	-29.8						
Total Domestic	95,351	72,736	+31.1	187,325R	148,045	+26.5						
General Purpose Resins, Total	84,879	64,528	+31.5	167,820R	131,091	+28.0						
General Purpose — Thixotropic	38,291	28,474	+34.5	75,455R	56,611	+33.3						
General Purpose — Press Molding	14,199	9,529	+49.0	29,137R	20,261	+43.8						
General Purpose — All Other	32,389	26,525	+22.1	63,228R	54,219	+16.6						
Flame Retardant Resins	1,838	1,477	+24.4	3,278R	3,099	+5.8						
Chemical Resistant Resins	8,634	6,731	+28.3	16,227R	13,855	+17.1						
Chemical Resistant Isophthalic Resins	5,948	4,629	+28.5	11,208R	9,723	+15.3						
All Other Chemical Resistant Resins	2,686	2,102	+27.8	5,019R	4,132	+21.5						
Reinforced Plastics, Total	73,538	55,241	+33.1	143,975R	113,075	+27.3						
Non-Reinforced Plastics, Total	21,813	17,495	+24.7	43,350R	34,970	+24.0						

R = Revision

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)(1)

THERMOSETTING RESINS

FEBRUARY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
UREA RESINS, TOTAL	96,928	84,806	+14.3	193,305R	166,102	+16.4	98,041	85,710	+14.4	193,319R	165,147	+17.1
MELAMINE RESINS, TOTAL	17,026	12,775	+33.3	34,771R	26,855	+29.5	15,958	14,163	+12.7	33,061R	26,014	+27.1
UREA & MELAMINE RESINS, TOTAL	113,954	97,581	+16.8	228,076R	192,957	+18.2	113,999	99,873	+14.1	226,380R	191,161	+18.4
Total Exports	D	D		D	D							
Total Domestic *	113,954	97,581	+16.8	228,076	192,957	+18.2						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	8,583	4,534	+89.3	18,282	8,784	+108.1	8,742	8,681	+0.7	17,744R	16,970	+4.6
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	84,480	72,460	+16.6	168,055	140,967	+19.2	84,951	73,321	+15.9	168,039R	142,6[illegible]	+17.8
Laminating	3,710	2,829	+31.1	7,538	6,135	+22.9	3,587	2,934	+22.3	7,289	6,[illegible]	+16.5
Plywood	4,367	5,100	-14.4	9,653	8,888	+8.6	4,718	5,164	-8.6	10,049R	9,210	+9.1
Fibrous & Granulated Wood (Particle Board)	76,403	64,531	+18.4	150,864	125,944	+19.8	76,646	65,223	+17.5	150,701	127,203	+18.5
Protective Coatings (Straight & Modified)	6,941	5,653	+22.8	13,097	12,008	+9.1	7,691	6,841	+12.4	15,721	11,454	+37.3
All Other Uses (Includes Textile Treating & Coating Resins, Molding Compounds, and Exports)	13,950	14,934	-6.6	28,642	31,198	-8.2	12,615	11,030	+14.4	24,876	20,070	+24.0
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	212,670	189,066	+12.5	420,668	370,760	+13.5	213,377	186,106	+14.7	423,296	358,747	+18.0
Total Exports	1,620	1,510	+7.3	3,160	3,314	-4.6						
Total Domestic	211,050	187,556	+12.5	417,508	367,446	+13.6						
Molding Compounds	23,110	18,158	+27.3	44,862	31,725	+41.4	24,929	19,761	+26.2	46,870	34,781	+34.8
Bonding & Adhesive Resins for:	183,695	165,524	+11.0	364,556	328,017	+11.1	183,889	162,835	+12.9	367,787	316,371	+16.3
Laminating	14,044	11,550	+21.6	27,850	24,731	+12.6	14,095	9,613	+46.6	28,071	19,722	+42.3
Coated & Bonded Abrasives	2,307	2,365	-2.5	5,366	4,032	+33.1	2,298	2,454	-6.4	5,241	3,926	+33.5
Friction Materials	3,390	1,949	+73.9	6,293	3,836	+64.1	3,191	2,213	+44.2	6,051	4,173	+45.0
Insulation Materials	27,637	25,513	+8.3	57,299	48,349	+18.5	27,826	24,297	+14.5	57,377	43,764	+31.1
Foundry & Shell Molding	6,395	5,331	+20.0	12,353	10,188	+21.3	6,688	5,632	+18.8	12,665	10,505	+20.6
Plywood	105,306	97,789	+7.7	210,054	194,044	+8.3	105,387	96,691	+9.0	212,530	190,750	+11.4
Fibrous & Granulated Wood	16,582	14,815	+11.9	29,730	29,847	-0.4	16,528	14,568	+12.7	30,111	29,338	+2.6
Resins Sold to Rubber Industry	2,668	1,892	+41.0	5,903	4,068	+45.1	2,458	2,766	-11.1	6,043	5,050	+19.7
All Other	5,366	4,320	+24.2	9,708	8,922	+8.8	5,418	4,501	+20.4	9,698	9,143	+6.1
Protective Coatings — Unmodified & Modified	1,938	1,489	+30.2	3,878	2,912	+33.2	1,934	1,250	+54.7	3,827	2,971	+28.8
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	2,307	2,385	-3.3	4,212	4,792	-12.1	2,625	2,260	+16.2	4,812	4,624	+4.1

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

# = Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.
D = Disclosure
R = Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

FEBRUARY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	624,142	574,652	+8.6	1,219,824	1,134,027	+7.6	670,092	633,492	+5.8	1,358,611	1,258,348	+8.0
Total Exports	44,763	65,556	-31.7	90,103	129,764	-30.6						
Total Domestic	579,379	509,096	+13.8	1,129,721	1,004,263	+12.5						
Film (12 Mils & Below)	342,787	312,924	+9.5	695,041R	637,660	+9.0						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	54,071	50,948	+6.1	92,408R	88,722	+4.2						
Wire & Cable	33,119	24,901	+33.0	60,789	49,353	+23.2						
Extrusion Coating	59,854	42,015	+42.5	107,010	81,668	+31.0						
Blow Molding	3,443	3,260	+5.6	6,815	5,759	+18.3						
Pipe & Conduit, Total	2,861	2,379	+20.3	5,732	3,167	+81.0						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	6,384	6,271	+1.8	13,152R	11,568	+13.7						
All Other Uses	76,860	66,398	+16.8	148,774R	126,366	+17.7						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	466,892	367,687	+27.0	887,782	742,754	+19.5	514,284	424,458	+21.2	982,700	868,428	+13.2
Total Exports	62,972	66,857	-5.8	109,949	127,732	-13.9						
Total Domestic	403,920	300,830	+34.3	777,833	615,022	+26.5						
Film (12 Mils & Below)	24,603	26,230	-6.2	47,970	52,553	-8.7						
Sheet (Over 12 Mils)	7,231	4,222	+71.3	14,980	12,004	+24.8						
Injection Molding	97,518	67,146	+45.2	183,446	142,667	+28.6						
Wire & Cable	9,777	9,021	+8.4	17,959	17,965	0.0						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	167,550	123,333	+35.9	331,605	252,035	+31.6						
Pipe & Conduit, Total	39,346	22,643	+73.8	64,545	44,825	+44.0						
Corrugated Pipe & Conduit	9,861	9,498	+3.8	16,690	19,569	-14.7						
Non-Corrugated Pipe & Conduit	29,485	13,145	+124.3	47,855	25,256	+89.5						
Other Extruded Products	3,172	2,230	+42.2	6,280	5,391	+16.5						
All Other Uses	54,723	46,005	+19.0	111,048	87,582	+26.8						

D = Disclosure
(2) = Included in Other Extruded Products
(3) = Included in Film
R = Revision

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

FEBRUARY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYPROPYLENE, TOTAL	376,792	328,105	+14.8	754,679	662,411	+13.9	410,009	352,675	+16.3	795,951	706,218	+12.7
Total Exports	38,756	62,337	-37.8	99,295	130,328	-23.8						
Total Domestic	338,036	265,768	+27.2	655,384	532,083	+23.2						
Injection Molding	115,648	89,040	+29.9	221,581	182,266	+21.6						
Appliances	10,863	7,244	+50.0	19,703	14,819	+33.0						
Consumer Products	25,993	24,319	+6.9	48,477	48,494	0.0						
Rigid Packaging	28,635	27,513	+4.1	54,573	55,572	-1.8						
Transportation	30,682	19,218	+59.7	60,709	41,677	+45.7						
All Other Injection Molding	19,475	10,746	+81.2	38,119	21,704	+75.6						
Blow Molding	9,732	5,991	+62.4	17,876	13,325	+34.2						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	30,584	28,912	+5.8	61,714	56,729	+8.8						
Sheet (Over 10 Mils)	4,150	1,345	+208.6	8,153	3,717	+119.3						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	114,601	84,276	+36.0	224,953	172,156	+30.7						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	7,719	9,471	-18.5	16,222	15,177	+6.9						
Resellers & Compounders	38,352	34,940	+9.8	68,772R	62,559	+9.9						
All Other Uses	17,250	11,793	+46.3	36,113R	26,154	+38.1						

D = Disclosure
R = Revision

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= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

FEBRUARY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	D	D		D	D		D	D		D	D	
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	D	D		D	D		D	D		D	D	
Total Exports												
Total Domestic												
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene (3)	126,536	99,914	+26.6	235,207	184,435	+27.5	141,345	97,854	+44.4	258,999	179,267	+44.5
Total Export	14,305	10,409	+37.4	23,076	18,225	+26.6						
Total Domestic	112,231	89,505	+25.4	212,131	166,210	+27.6						
Molding & Extrusion	106,401	84,438	+26.0	201,673	157,152	+28.3						
Coatings	5,830	5,067	+15.0	10,458	9,058	+15.4						
POLYSTYRENE RESINS, TOTAL	298,648	261,256	+14.3	568,410	503,146	+13.0	292,653	237,318	+23.3	567,199	479,606	+18.3
Straight Polystyrene	156,534	132,059	+18.5	296,276	261,710	+13.2	150,863	126,142	+19.6	290,247	259,843	+11.7
Rubber-Modified Polystyrene	142,114	129,197	+10.0	272,134	241,436	+12.7	141,790	111,176	+27.5	276,952	219,763	+26.0
Total Exports	6,680	7,000	-4.6	13,898	12,057	+15.3						
Straight Polystyrene	4,303	3,369	+27.7	7,628	6,380	+19.6						
Rubber-Modified Polystyrene	2,377	3,631	-34.5	6,270	5,677	+10.4						
Total Domestic	291,968	254,256	+14.8	554,512	491,089	+12.9						
Molding	99,681	105,679	-5.7	203,413	204,417	-0.5						
Extrusion	114,726	95,402	+20.3	211,594	177,973	+18.9						
Expandable Polystyrene Beads	35,863	31,514	+13.8	69,810	63,376	+10.2						
All Other Uses	41,698	21,661	+92.5	69,695	45,323	+53.8						
Polystyrene End Uses, Total**	291,968	254,256	+14.8	554,512	491,089	+12.9						
Packaging	75,312	65,006	+15.9	144,228	120,378	+19.8						
Disposables	41,995	29,816	+40.8	79,710	60,918	+30.8						
Consumer and Institutional Products	40,307	43,275	-6.9	77,935	78,063	-0.2						
Electrical/Electronics	20,915	24,694	-15.3	36,559	52,422	-30.3						
Furniture, Furnishings, Building & Construction	13,812	11,900	+16.1	26,572	23,077	+15.1						
Expandable Polystyrene Beads	35,863	31,514	+13.8	69,810	63,376	+10.2						
All Other End Uses	63,764	48,051	+32.7	119,698	92,855	+28.9						

(3) = Includes ABS and SAN

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**Portions of the End Use Section are estimated.

D = Disclosure

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

FEBRUARY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including butadiene latexes not carboxylated	D	D		D	D		D	D		D	D	
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL***	63,420	48,529	+30.7	126,360	97,097	+30.1	62,276	49,090	+26.9	124,729	102,073	+22.2
Paper Treating	3,345	2,320	+44.2	6,034	4,593	+31.4						
Textile Treating	1,709	1,564	+9.3	3,017	3,200	-5.7						
Carpet Backing	25,844	19,737	+30.9	49,610	38,693	+28.2						
All Other Uses (Including Exports & Paper Coating)	32,522	24,908	+30.6	67,699	50,611	+33.8						
NYLON RESINS, TOTAL	32,714	23,415	+39.7	63,763	45,302	+40.8	30,666	20,829	+47.2	62,481	38,692	+61.5
Total Exports	1,277	1,444	-11.6	2,811	2,783	+1.0						
Total Domestic	31,437	21,971	+43.1	60,952	42,519	+43.4						
Injection Molding Grade	21,590	13,931	+55.0	42,170	26,405	+59.7						
Extrusion Grade	7,467	6,635	+12.5	14,609	13,530	+8.0						
Resellers and Compounders	1,961	935	+109.7	3,397	1,703	+99.5						
All Other Uses	419	470	-10.9	776	881	-11.9						

***Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

FEBRUARY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	631,420	501,094	+26.0	1,222,502R	911,966	+34.1	593,037	457,921	+29.5	1,087,649R	863,579	+25.9
Homopolymer Resins Including Blending & Latex	568,837	448,809	+26.7	1,106,535R	809,960	+36.6	532,979	410,275	+29.9	975,674R	769,745	+26.8
Copolymer Resins Including Blending & Latex	24,728	20,493	+20.7	48,810	40,169	+21.5	24,044	21,443	+12.1	46,909	41,186	+13.9
Dispersion Resins	37,855	31,792	+19.1	67,107R	61,837	+8.5	36,014	26,203	+37.4	65,066R	52,648	+23.6
Total Exports	48,743	48,716	0.0	81,672R	91,464	-10.7						
Total Domestic	582,677	452,378	+28.8	1,140,830R	820,502	+39.0						
Calendering, Total	63,638	58,905	+8.0	127,444R	107,007	+19.1						
Flooring	14,138	12,866	+9.9	26,257R	22,458	+16.9						
Textile	9,962	9,678	+2.9	20,906R	16,160	+29.4						
All Other Calendering Uses	39,538	36,361	+8.7	80,281	68,389	+17.4						
Coating, Total	30,485	28,553	+6.8	59,151R	54,178	+9.2						
Flooring	10,214	11,254	-9.2	18,664	22,260	-16.2						
Textile & Paper Coating	10,579	9,103	+16.2	19,385R	17,635	+9.9						
Protective Coatings	4,667	3,950	+18.2	8,205	6,993	+17.3						
Adhesives & All Other Coating Uses	5,025	4,246	+18.3	12,897	7,290	+76.9						
Extrusion, Total	385,526	277,173	+39.1	743,615R	501,753	+48.2						
Wire & Cable	42,040	28,229	+48.9	76,274R	51,382	+48.4						
Film & Sheet	26,926	22,665	+18.8	53,057R	43,785	+21.2						
Rigid Pipe & Tubing (Except Fittings)	259,407	182,063	+42.5	499,947R	324,582	+54.0						
All Other Extrusions	57,153	44,216	+29.3	114,337R	82,004	+39.4						
Molding, Total	41,796	33,144	+26.1	85,664R	59,597	+43.7						
Bottles	17,197	11,508	+49.4	35,370R	19,243	+83.8						
Sound Records	8,188	5,257	+55.8	13,540	10,708	+26.4						
Fittings (Rigid Pipe & Tubing)	9,512	9,790	-2.8	21,149R	16,646	+27.1						
All Other Molding	6,899	6,589	+4.7	15,605R	13,000	+20.0						
Paste Processes (Except Coating)	15,461	14,531	+6.4	28,134R	26,459	+6.3						
Plastisol Formulation	8,557	8,888	-3.7	16,305R	14,613	+11.6						
All Other	6,904	5,643	+22.3	11,829R	11,846	-0.1						
Resellers & Compounders	19,015	15,749	+20.7	33,082R	30,640	+8.0						
All Other Uses	26,756	24,323	+10.0	63,740R	40,868	+56.0						

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

FEBRUARY 1984

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR-TO-DATE			FEBRUARY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	57,802	49,524	+16.7	118,169R	98,511	+20.0						
Total Exports	434	589	-26.3	710R	1,171	-39.4						
Total Domestic	57,368	48,935	+17.2	117,459R	97,340	+20.7						
Emulsion Paints	17,346	15,861	+9.4	36,526R	30,017	+21.7						
Adhesives, Caulks and Sealants	23,580	19,696	+19.7	46,689R	39,900	+17.0						
Paper Treating & Paper Coating	9,504	7,925	+19.9	20,104	16,235	+23.8						
Textile Treating	2,099	1,270	+65.3	4,367R	2,627	+66.2						
Non-Woven Binders	2,636	2,196	+20.0	5,291R	4,670	+13.3						
All Other Uses	2,203	1,987	+10.9	4,482	3,891	+15.2						
POLYVINYL ALCOHOL, TOTAL #	11,254	10,373	+8.5	23,141	20,516	+12.8	12,373	10,686	+15.8	22,136	20,839	+6.2
Total Exports	1,556	1,591	-2.2	3,888	2,704	+43.8						
Total Domestic	9,698	8,782	+10.4	19,253	17,812	+8.1						
OTHER VINYL RESINS*, TOTAL	14,131	12,867	+9.8	27,231	23,427	+16.2	14,170	13,036	+8.7	28,975	26,469	+9.5
Total Exports	3,589	2,957	+21.4	6,929	5,726	+21.0						
Total Domestic	10,542	9,910	+6.4	20,302	17,701	+14.7						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	62,020	58,129	+6.7	125,583	112,615	+11.5	67,952	51,092	+33.0	132,003	105,528	+25.1
Total Exports	4,906	4,861	+0.9	15,622	10,213	+53.0						
Total Domestic	57,114	53,268	+7.2	109,961	102,402	+7.4						
PET Bottle Grades	39,654	39,981	-0.8	75,560	77,867	-3.0						
All Other Thermoplastic Polyester**	17,460	13,287	+31.4	34,401	24,535	+40.2						

**Includes All Other PET and All Injection Molding Grades
# = Includes imputed data
R = Revision

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

355 Lexington Avenue
New York, New York 10017
(212) 573-9400

FOR THE MONTH AND PERIOD ENDED MARCH, 1984

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

**SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY**

RELEASE DATE: MAY 17, 1984

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The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

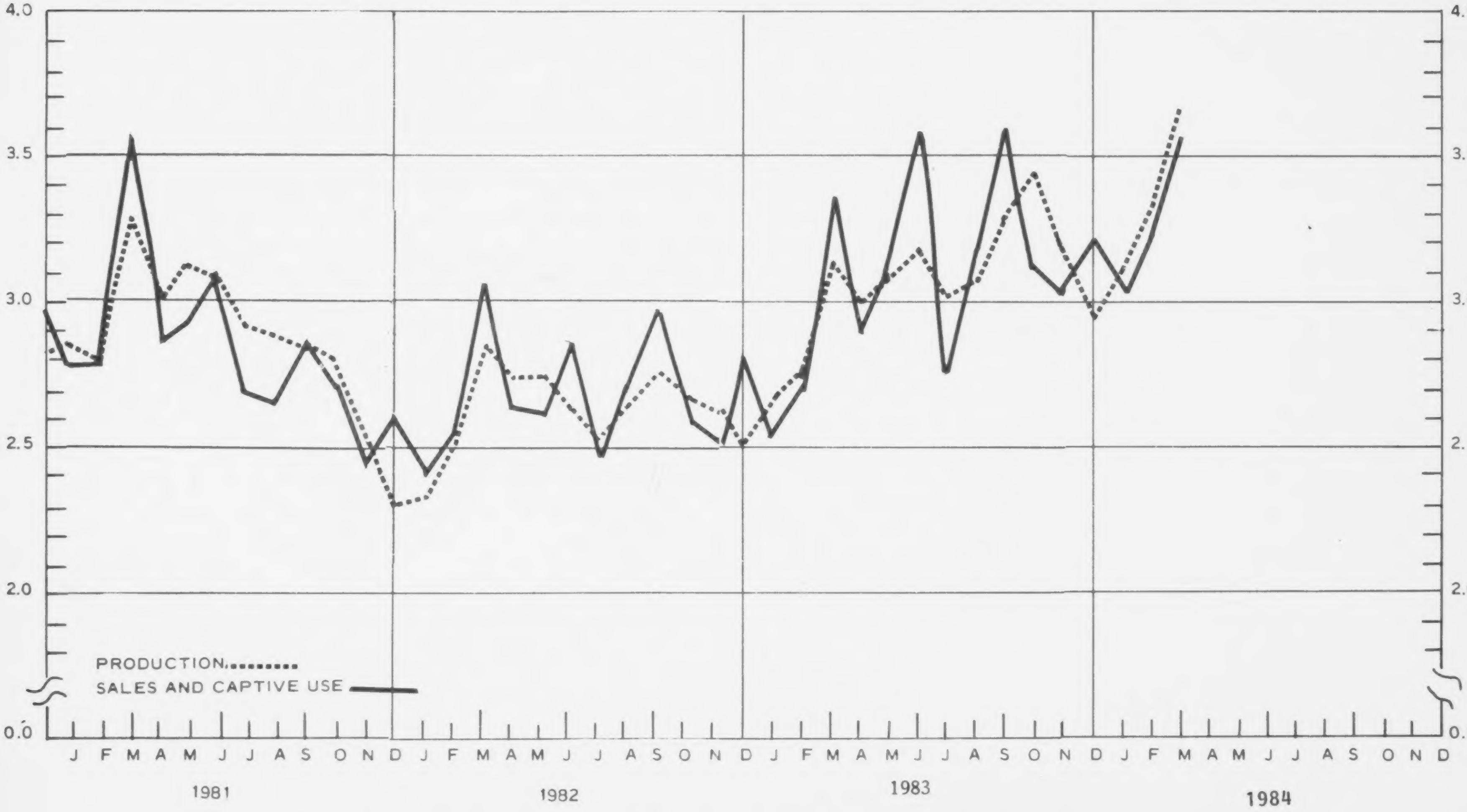
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

MARCH, 1984



COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SPI CRS

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)(1)

MARCH 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	35,298	27,907	+26.5	97,560	74,862	+30.3	23,565	36,410	-35.3	87,720R	82,352	+6.5
POLYESTER (UNSATURATED) RESINS, TOTAL	113,425	92,032	+23.2	302,616R	241,633	+25.2	111,606	93,300	+19.6	305,302R	244,879	+24.7
UREA RESINS, TOTAL	108,703	105,805	+2.7	300,867R	271,907	+10.7	110,392	107,035	+3.1	302,617R	272,182	+11.2
MELAMINE RESINS, TOTAL	16,565	15,295	+8.3	50,205R	42,150	+19.1	19,227	16,516	+16.4	51,131R	42,530	+20.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	226,929	209,683	+8.2	647,642R	580,443	+11.6	220,102	205,211	7.3	638,663R	563,958	+13.2
THERMOSETTING RESINS, TOTAL	500,920	450,722	+11.1	1,398,890R	1,210,995	+15.5	484,892	458,472	+5.8	1,385,433R	1,205,901	+14.9
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	745,787	769,165	-3.0	1,965,611	1,903,192	+3.3	734,233	677,392	+8.4	2,092,844	1,935,740	+8.1
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	515,948	499,072	+3.4	1,403,730	1,241,826	+13.0	534,429	455,810	+17.2	1,517,129	1,324,238	+14.6
POLYPROPYLENE, TOTAL	405,326	375,656	+7.9	1,160,005	1,038,067	+11.7	437,002	343,575	+27.2	1,231,217	1,049,793	+17.3
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	102,670	82,479	+24.5	283,517	221,274	+28.1	118,418	86,808	+36.4	311,513	224,484	+38.8
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	9,499	8,266	+14.9	25,312	22,627	+11.9	21,515	9,067	+137.3	58,621	19,362	+202.8
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	20,505	19,270	+6.4	59,270	50,549	+17.3	25,375	21,808	+16.4	64,447	53,104	+21.4
POLYSTYRENE, TOTAL	339,622	322,804	+5.2	910,651R	825,950	+10.3	341,188	317,897	+7.3	911,952R	797,503	+14.4
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	62,064	62,152	-0.1	183,238R	159,249	+15.1	67,861	60,823	+11.6	187,404R	162,896	+15.0
NYLON RESINS, TOTAL	33,324	28,089	+18.6	97,087	73,391	+32.3	40,534	25,620	+58.2	109,470R	64,312	+70.2
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	660,692	649,383	+1.7	1,883,194	1,561,349	+20.6	663,048	572,028	+15.9	1,750,697	1,435,607	+21.9
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	62,832	69,797	-10.0	181,001	168,308	+7.5	* 62,832	* 69,797	-10.0	* 181,001	* 168,308	+7.5
POLYVINYL ALCOHOL, TOTAL #	13,236	12,463	+6.2	36,377	32,979	+10.3	15,300	11,469	+33.4	37,436	32,308	+15.9
OTHER VINYL RESINS, TOTAL	21,467	15,026	+42.9	48,698	38,453	+26.6	19,681	16,792	+17.2	48,656	43,261	+12.5
THERMOPLASTIC POLYESTER, TOTAL	64,772	56,064	+15.5	191,299R	168,679	+13.4	72,811	62,755	+16.0	204,814	168,283	+21.7
THERMOPLASTIC RESINS, TOTAL	3,057,744	2,969,686	+3.0	8,428,990R	7,505,893	+12.3	3,154,227	2,731,641	+15.5	8,707,201R	7,479,199	+16.4
GRAND TOTAL	3,558,664	3,420,408	+4.0	9,827,880R	8,716,888	+12.7	3,639,119	3,190,113	+14.1	10,092,634R	8,685,100	+16.2

(1) = Except phenolic resins which are reported on a gross weight basis

(4) = Includes Styrene Butadiene Latexes
= Includes imputed data

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

SPI

CRS

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In metric tons, dry weight basis)(1)

MARCH 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	16,011	12,658	+26.5	44,253	33,957	+30.3	10,689	16,515	-35.3	39,789R	37,355	+6.5
POLYESTER (UNSATURATED) RESINS, TOTAL	51,449	41,745	+23.2	137,266R	109,605	+25.2	50,624	42,321	+19.6	138,484R	111,076	+24.7
UREA RESINS, TOTAL	49,307	47,993	+2.7	136,472R	123,336	+10.7	50,073	48,551	+3.1	137,266R	123,461	+11.2
MELAMINE RESINS, TOTAL	7,515	6,938	+8.3	22,773R	19,119	+19.1	8,721	7,492	+16.4	23,194R	19,291	+20.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	102,934	95,112	+8.2	293,768R	263,287	+11.6	99,838	93,083	+7.3	289,695R	255,810	+13.2
THERMOSETTING RESINS, TOTAL	227,216	204,446	+11.1	634,532R	549,304	+15.5	219,945	207,962	+5.8	628,428R	546,993	+14.9
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	338,287	348,891	-3.0	891,595	863,282	+3.3	333,046	307,263	+8.4	949,308	878,046	+8.1
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	234,032	226,378	+3.4	636,728	563,289	+13.0	242,417	206,754	+17.2	688,165	600,670	+14.6
POLYPROPYLENE, TOTAL	183,855	170,398	+7.9	526,175	470,864	+11.7	198,223	155,849	+27.2	558,476	476,183	+17.3
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	46,571	37,411	+24.5	128,602	100,369	+28.1	53,713	39,376	+36.4	141,301	101,825	+38.8
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	4,309	3,749	+14.9	11,481	10,263	+11.9	9,759	4,113	+137.3	26,596	8,782	+202.8
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	9,301	8,743	+6.4	26,885	22,928	+17.3	11,510	9,892	+16.4	29,234	24,088	+21.4
POLYSTYRENE, TOTAL	154,052	146,424	+5.2	413,069	374,648	+10.3	154,762	144,197	+7.3	413,639R	361,745	+14.4
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	28,152	28,192	-0.1	83,116R	72,235	+15.1	30,781	27,589	+11.6	85,006R	73,889R	+15.0
NYLON RESINS, TOTAL	15,116	12,742	+18.6	44,038	33,290	+32.3	18,386	11,621	+58.2	49,655R	29,172	+70.2
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	299,688	294,558	+1.7	854,211	708,223	+20.6	300,756	259,470	+15.9	794,111	651,187	+21.9
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	28,500	31,660	-10.0	82,101	76,344	+7.5	* 28,501	* 31,660	-10.0	* 82,101	* 76,344	+7.5
POLYVINYL ALCOHOL, TOTAL #	6,003	5,653	+6.2	16,501	14,959	+10.3	6,940	5,202	+33.4	16,981	14,655	+15.9
OTHER VINYL RESINS, TOTAL	9,737	6,815	+42.9	22,089	17,443	+26.6	8,927	7,617	+17.2	22,070	19,623	+12.5
THERMOPLASTIC POLYESTER, TOTAL	29,380	25,430	+15.5	86,773R	76,512	+13.4	33,027	28,465	+16.0	92,903	76,333	+21.7
THERMOPLASTIC RESINS, TOTAL	1,386,983	1,347,041	+3.0	3,823,364R	3,404,650	+12.3	1,430,748	1,239,064	+15.5	3,949,560R	3,392,542	+16.4
GRAND TOTAL	1,614,199	1,551,487	+4.0	4,457,896R	3,953,954	+12.7	1,650,693	1,447,026	+14.1	4,577,988R	3,939,535	+16.2

(1) = Except phenolic resins which are reported on a gross weight basis

(4) = Includes Styrene Butadiene Latexes
= Includes imputed data

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

MARCH 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	35,298	27,907	+26.5	97,560	74,862	+30.3	23,565	36,410	-35.3	87,720R	82,352	+6.5
Total Exports	5,141	3,141	+63.7	10,460	6,924	+51.1						
Total Domestic	30,157	24,766	+21.8	87,100	67,938	+28.2						
Bonding & Adhesives	1,719	1,444	+19.0	4,872	3,745	+30.1						
Flooring, Paving & Exposed Aggregate	2,235	1,507	+48.3	5,351	4,145	+29.1						
Protective Coatings	13,683	11,092	+23.4	39,348	31,242	+25.9						
Fiber Reinforced Laminates & Composites, Total	7,757	5,959	+30.2	22,732	15,752	+44.3						
FRL&C for Printed Wiring Board	5,803	4,182	+38.8	17,184	11,145	+54.2						
All Other FRL&C	1,954	1,777	+10.0	5,548	4,607	+20.4						
Tooling, Casting & Molding Resins	2,483	2,540	-2.2	8,350	6,581	+26.9						
All Other Uses	2,280	2,224	+2.5	6,447	6,473	-0.4						
POLYESTER (UNSATURATED) RESINS, TOTAL	113,425	92,032	+23.2	302,616R	241,633	+25.2	111,606	93,300	+19.6	305,302R	244,879	+24.7
Total Exports	856	1,023	-16.3	1,949	2,579	-24.4						
Total Domestic	112,569	91,009	+23.7	300,667R	239,054	+25.8						
General Purpose Resins, Total	100,826	81,691	+23.4	269,313R	212,782	+26.6						
General Purpose — Thixotropic	45,359	36,047	+25.8	121,576R	92,658	+31.2						
General Purpose — Press Molding	20,388	11,107	+83.6	49,430R	31,368	+57.6						
General Purpose — All Other	35,079	34,537	+1.6	98,307	88,756	+10.8						
Flame Retardant Resins	1,983	1,665	+19.1	5,309R	4,764	+11.4						
Chemical Resistant Resins	9,760	7,653	+27.5	26,045R	21,508	+21.1						
Chemical Resistant Isophthalic Resins	6,887	4,790	+43.8	18,068R	14,513	+24.5						
All Other Chemical Resistant Resins	2,873	2,863	+0.3	7,977R	6,995	+14.0						
Reinforced Plastics, Total	87,116	69,225	+25.8	231,765R	182,300	+27.1						
Non-Reinforced Plastics, Total	25,453	21,784	+16.8	68,902R	56,754	+21.4						

R = Revision

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

THERMOSETTING RESINS

MARCH 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
UREA RESINS, TOTAL	108,703	105,805	+2.7	300,867R	271,907	+10.7	110,392	107,035	+3.1	302,617R	272,182	+11.2
MELAMINE RESINS, TOTAL	16,565	15,295	+8.3	50,205R	42,150	+19.1	19,227	16,516	+16.4	51,131R	42,530	+20.2
UREA & MELAMINE RESINS, TOTAL	125,268	121,100	+3.4	351,072R	314,057	+11.8	129,619	123,551	+4.9	353,748R	314,712	+12.4
Total Exports	D	D		D	D							
Total Domestic *	125,268	121,100	+3.4	351,072R	314,057	+11.8						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	9,813	5,246	+87.1	27,001R	14,030	+92.5	10,756	5,795	+85.6	27,455R	22,765	+20.6
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	94,905	90,802	+4.5	262,640R	231,769	+13.3	96,532	92,875	+3.9	264,259R	235,542	+12.2
Laminating	3,612	3,506	+3.0	11,150	9,641	+15.7	3,706	3,453	+7.3	10,995	9,707	+13.3
Plywood	2,870	6,019	-52.3	12,203R	14,907	-18.1	2,895	6,137	-52.8	12,632R	15,347	-17.7
Fibrous & Granulated Wood (Particle Board)	88,423	81,277	+8.8	239,287	207,221	+15.5	89,931	83,285	+8.0	240,632	210,488	+14.3
Protective Coatings (Straight & Modified)	7,188	6,590	+9.1	20,285	18,598	+9.1	10,102	8,118	+24.4	25,823	19,572	+31.9
All Other Uses (Includes Textile Treating & Coating Resins ,MOLDING COMPOUNDS, AND EXPORTS)	13,362	18,462	-27.6	41,146R	49,660	-17.1	12,229	16,763	-27.0	36,211R	36,833	-1.7
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	226,929	209,683	+8.2	647,642R	580,443	+11.6	220,102	205,211	+7.3	638,663R	563,958	+13.2
Total Exports	2,187	3,018	-27.5	5,352R	6,332	-15.5						
Total Domestic	224,742	206,665	+8.7	642,290R	574,111	+11.9						
Molding Compounds	22,326	19,912	+12.1	67,188	51,637	+30.1	26,295	22,833	+15.2	73,165	57,614	+27.0
Bonding & Adhesive Resins for:	197,555	182,610	+8.2	562,139R	510,627	+10.1	189,795	177,882	+6.7	552,822R	494,253	+11.8
Laminating	12,840	14,282	-10.1	40,694R	39,013	+4.3	12,847	12,375	+3.8	38,943R	32,097	+21.3
Coated & Bonded Abrasives	2,139	2,692	-20.5	7,505	6,724	+11.6	1,701	2,630	-35.3	6,942	6,556	+5.9
Friction Materials	3,593	3,293	+9.1	9,898R	7,129	+38.8	3,558	2,265	+57.1	9,637R	6,438	+49.7
Insulation Materials	24,465	26,011	-5.9	81,776R	74,360	+10.0	23,441	25,534	-8.2	78,413R	69,298	+13.2
Foundry & Shell Molding	6,760	5,724	+18.1	19,113	15,912	+20.1	7,259	5,860	+23.9	19,924	16,365	+21.7
Plywood	120,946	110,627	+9.3	331,000	304,671	+8.6	112,226	108,786	+3.2	324,756	299,536	+8.4
Fibrous & Granulated Wood	17,899	14,085	+27.1	47,629	43,932	+8.4	17,620	13,924	+26.5	47,323R	43,262	+9.4
Resins Sold to Rubber Industry	2,603	2,232	+16.6	8,506	6,300	+35.0	3,208	2,402	+33.6	9,251	7,452	+24.1
All Other	6,310	3,664	+72.2	16,018	12,586	+27.3	7,935	4,106	+93.3	17,633	13,249	+33.1
Protective Coatings — Unmodified & Modified	1,967	1,885	+4.4	5,845	4,797	+21.8	1,658	1,872	-11.4	5,485	4,843	+13.3
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	2,894	2,258	+28.2	7,118R	7,050	+1.0	2,354	2,624	-10.3	7,191R	7,248	-0.8

(1) = Except phenolic resins which are reported on a gross weight basis

*-DOMESTIC TOTAL INCLUDES EXPORTS.

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

# = Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

D = Disclosure
R = Revision

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MARCH 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	745,787	769,165	-3.0	1,965,611	1,903,192	+3.3	734,233	677,392	+8.4	2,092,844	1,935,740	+8.1
Total Exports	75,468	78,690	-4.1	165,769R	208,454	-20.5						
Total Domestic	670,319	690,475	-2.9	1,799,842R	1,694,738	+6.2						
Film (12 Mils & Below)	423,772	444,819	-4.7	1,119,929R	1,082,479	+3.5						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	62,257	72,398	-14.0	154,665	161,120	-4.0						
Wire & Cable	32,930	28,982	+13.6	93,805	78,335	+19.7						
Extrusion Coating	55,585	50,923	+9.2	162,595	132,591	+22.6						
Blow Molding	5,135	3,257	+57.7	11,950R	9,016	+32.5						
Pipe & Conduit, Total	2,714	3,129	-13.3	8,446	6,296	+34.1						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	6,772	6,379	+6.2	19,924	17,947	+11.0						
All Other Uses	81,154	80,588	+0.7	228,528R	206,954	+10.4						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	515,948	499,072	+3.4	1,403,730	1,241,826	+13.0	534,429	455,810	+17.2	1,517,129	1,324,238	+14.6
Total Exports	55,199	89,613	-38.4	165,164R	217,345	-24.0						
Total Domestic	460,749	409,459	+12.5	1,238,566R	1,024,481	+20.9						
Film (12 Mils & Below)	26,706	31,139	-14.2	74,680R	83,692	-10.8						
Sheet (Over 12 Mils)	8,777	6,569	+33.6	23,757	18,573	+27.9						
Injection Molding	110,093	101,494	+8.5	293,539	244,161	+20.2						
Wire & Cable	10,215	11,762	-13.2	28,174	29,727	-5.2						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	183,445	149,659	+22.6	515,050	401,694	+28.2						
Pipe & Conduit, Total	48,253	44,553	+8.3	112,798	89,378	+26.2						
Corrugated Pipe & Conduit	15,582	20,762	-24.9	32,272	40,331	-20.0						
Non-Corrugated Pipe & Conduit	32,671	23,791	+37.3	80,526	49,047	+64.2						
Other Extruded Products	4,194	2,495	+68.1	10,474	7,886	+32.8						
All Other Uses	69,066	61,788	+11.8	180,094R	149,370	+20.6						

D = Disclosure
(2) = Included in Other Extruded Products
(3) = Included in Film

R = Revision

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MARCH 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYPROPYLENE, TOTAL	405,326	375,656	+7.9	1,160,005	1,038,067	+11.7	437,002	343,575	+27.2	1,231,217R	1,049,793	+17.3
Total Exports	42,072	81,490	-48.4	141,367	211,818	-33.3						
Total Domestic	363,254	294,166	+23.5	1,018,638	826,249	+23.3						
Injection Molding	122,974	104,449	+17.7	344,555	286,715	+20.2						
Appliances	11,335	7,567	+49.8	31,038	22,386	+38.6						
Consumer Products	27,618	28,341	-2.6	76,095	76,835	-1.0						
Rigid Packaging	29,849	32,135	-7.1	84,422	87,707	-3.7						
Transportation	32,810	20,775	+57.9	93,519	62,452	+49.7						
All Other Injection Molding	21,362	15,631	+36.7	59,481	37,335	+59.3						
Blow Molding	10,170	6,743	+50.8	28,046	20,068	+39.8						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	41,738	29,049	+43.7	103,452	85,778	+20.6						
Sheet (Over 10 Mils)	6,383	2,324	+174.7	14,536	6,041	+140.6						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	111,212	90,412	+23.0	336,165	262,568	+28.0						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	9,541	10,050	-5.1	25,763	25,227	+2.1						
Resellers & Compounders	44,351	35,940	+23.4	113,123	98,499	+14.8						
All Other Uses	16,885	15,199	+11.1	52,998	41,353	+28.2						

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= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

R = Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

MARCH 1984

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	102,670	82,479	+24.5	283,517	221,274	+28.1	118,418	86,808	+36.4	311,513	224,484	+38.8
Total Exports	D	D		D	D							
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	9,499	8,266	+14.9	25,312	22,627	+11.9	21,515	9,067	+137.3	58,621	19,362	+202.8
Total Exports	1,155	768	+50.4	2,449	2,371	+3.3						
Total Domestic	8,344	7,498	+11.3	22,863	20,256	+12.9						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	20,505	19,270	+6.4	59,270	50,549	+17.3	25,375	21,808	+16.4	64,447	53,104	+21.4
Total Export *	D	D		D	D							
Total Domestic	20,505	19,270	+6.4	59,270	50,549	+17.3						
Molding & Extrusion	14,342	14,146	+1.4	42,140	36,367	+15.8						
Coatings	6.163	5,124	+20.3	17,130	14,182	+20.8						
POLYSTYRENE RESINS, TOTAL	339,622	322,804	+5.2	910,651R	825,950	+10.3	341,188	317,897	+7.3	911,952R	797,503	+14.4
Straight Polystyrene	169,287	161,211	+5.0	468,181R	422,921	+10.7	177,484	165,832	+7.0	471,296R	425,675	+10.7
Rubber-Modified Polystyrene	170,335	161,593	+5.4	442,470R	403,029	+9.8	163,704	152,065	+7.7	440,656R	371,828	+18.5
Total Exports	5,236	9,257	-43.4	19,134	21,314	-10.2						
Straight Polystyrene	2,046	4,669	-56.2	9,674	11,049	-12.4						
Rubber-Modified Polystyrene	3,190	4,588	-30.5	9,460	10,265	-7.8						
Total Domestic	334,386	313,547	+6.6	891,517R	804,636	+10.8						
Molding	125,895	125,847	0.0	330,863R	330,264	+0.2						
Extrusion	122,341	111,991	+9.2	334,320R	289,964	+15.3						
Expandable Polystyrene Beads	39,022	36,197	+7.8	108,832	99,573	+9.3						
All Other Uses	47,128	39,512	+19.3	117,502R	84,835	+38.5						
Polystyrene End Uses, Total**	334,386	313,547	+6.6	891,517R	804,636	+10.8						
Packaging	78,704	75,988	+3.6	223,553R	196,366	+13.8						
Disposables	48,196	40,158	+20.0	128,422R	101,076	+27.1						
Consumer and Institutional Products	44,674	51,166	-12.7	123,272R	129,229	-4.6						
Electrical/Electronics	21,828	23,281	-6.2	58,486R	75,703	-22.7						
Furniture, Furnishings, Building & Construction	15,858	14,776	+7.3	42,430	37,853	+12.1						
Expandable Polystyrene Beads	39,022	36,197	+7.8	108,832	99,573	+9.3						
All Other End Uses	86,104	71,981	+19.6	206,522R	164,836	+25.3						

*- Exports is included in Domestic, Total and Molding & Extrusion.

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**Portions of the End Use Section are estimated.

D = Disclosure

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

MARCH **1984**

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including butadiene latexes not carboxylated	D	D		D	D		D	D		D	D	
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL***	62,064	62,152	-0.1	183,238R	159,249	+15.1	67,861	60,823	+11.6	187,404R	162,896	+15.0
Paper Treating	1,590	2,643	-39.8	7,624	7,236	+5.4						
Textile Treating	1,592	1,864	-14.6	4,609	5,064	-9.0						
Carpet Backing	27,468	27,253	+0.8	77,078	65,946	+16.9						
All Other Uses (Including Exports & Paper Coating)	31,414	30,392	+3.4	93,927R	81,003	+16.0						
NYLON RESINS, TOTAL	33,324	28,089	+18.6	97,087	73,391	+32.3	40,534	25,620	+58.2	109,470R	64,312	+70.2
Total Exports	1,813	1,950	-7.0	4,624	4,733	-2.3						
Total Domestic	31,511	26,139	+20.6	92,463	68,658	+34.7						
Injection Molding Grade	20,869	16,234	+28.6	63,039	42,639	+47.8						
Extrusion Grade	8,280	7,964	+4.0	22,889	21,494	+6.5						
Resellers and Compounders	1,358	1,450	-6.3	4,755	3,153	+50.8						
All Other Uses	1,004	491	+104.5	1,780	1,372	+29.7						

***Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MARCH 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	660,692	649,383	+1.7	1,883,194	1,561,349	+20.6	663,048	572,028	+15.9	1,750,697	1,435,607	+21.9
Homopolymer Resins Including Blending & Latex	590,187	581,756	+1.4	1,696,772	1,391,716	+21.9	596,068	519,879	+14.7	1,571,742	1,289,624	+21.9
Copolymer Resins Including Blending & Latex	31,405	28,774	+9.1	80,215	68,943	+16.3	28,168	21,156	+33.1	75,077	62,342	+20.4
Dispersion Resins	39,100	38,853	+0.6	106,207	100,690	+5.5	38,812	30,993	+25.2	103,878	83,641	+24.2
Total Exports	44,248	58,773	-24.7	125,920	150,237	-16.2						
Total Domestic	616,444	590,610	+4.4	1,757,274	1,411,112	+24.5						
Calendering, Total	72,642	77,292	-6.0	200,086	184,299	+8.6						
Flooring	17,688	18,046	-2.0	43,945	40,504	+8.5						
Textile	10,055	8,676	+15.9	30,961	24,836	+24.7						
All Other Calendering Uses	44,899	50,570	-11.2	125,180	118,959	+5.2						
Coating, Total	35,387	35,110	+0.8	94,538	89,288	+5.9						
Flooring	14,385	13,635	+5.5	33,049	35,895	-7.9						
Textile & Paper Coating	11,689	12,583	-7.1	31,074	30,218	+2.8						
Protective Coatings	3,628	4,532	-19.9	11,833	11,525	+2.7						
Adhesives & All Other Coating Uses	5,685	4,360	+30.4	18,582	11,650	+59.5						
Extrusion, Total	405,753	370,548	+9.5	1,149,368	872,301	+31.8						
Wire & Cable	46,388	40,338	+15.0	122,662	91,715	+33.7						
Film & Sheet	36,695	30,559	+20.1	89,752	74,344	+20.7						
Rigid Pipe & Tubing (Except Fittings)	264,187	242,174	+9.1	764,134	566,756	+34.8						
All Other Extrusions	58,483	57,482	+1.7	172,820	139,486	+23.9						
Molding, Total	36,550	39,125	-6.6	122,214	98,722	+23.8						
Bottles	9,921	12,185	-18.6	45,291	31,428	+44.1						
Sound Records	8,540	8,228	+3.8	22,080	18,936	+16.6						
Fittings (Rigid Pipe & Tubing)	12,824	10,704	+19.8	33,973	27,350	+24.2						
All Other Molding	5,265	8,008	-34.3	20,870	21,008	-0.7						
Paste Processes (Except Coating)	18,259	18,408	-0.8	46,393	44,867	+3.4						
Plastisol Formulation	10,471	9,377	+11.7	26,776	23,990	+11.6						
All Other	7,788	9,031	-13.8	19,617	20,877	-6.0						
Resellers & Compounders	20,536	20,462	+0.4	53,618	51,102	+4.9						
All Other Uses	27,317	29,665	-7.9	91,057	70,533	+29.1						

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MARCH 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	62,832	69,797	-10.0	181,001	168,308	+7.5						
Total Exports	290	722	-59.8	1,000	1,893	-47.2						
Total Domestic	62,542	69,075	-9.5	180,001	166,415	+8.2						
Emulsion Paints	18,831	21,798	-13.6	55,357	51,815	+6.8						
Adhesives, Caulks and Sealants	25,890	27,347	-5.3	72,579	67,247	+7.9						
Paper Treating & Paper Coating	10,674	12,955	-17.6	30,778	29,190	+5.4						
Textile Treating	1,955	1,657	+18.0	6,322	4,284	+47.6						
Non-Woven Binders	2,583	3,076	-16.0	7,874	7,746	+1.7						
All Other Uses	2,609	2,242	+16.4	7,091	6,133	+15.6						
POLYVINYL ALCOHOL, TOTAL #	13,236	12,463	+6.2	24,490	32,979	-25.7	15,300	11,469	+33.4	27,673	32,308	-14.3
Total Exports	2,707	2,744	-1.3	4,263	5,448	-21.8						
Total Domestic	10,529	9,719	+8.3	20,227	27,531	-26.5						
OTHER VINYL RESINS*, TOTAL	21,467	15,026	+42.9	48,698	38,453	+26.6	19,681	16,792	+17.2	48,656	43,261	+12.5
Total Exports	3,853	3,256	+18.3	10,782	8,982	+20.0						
Total Domestic	17,614	11,770	+49.7	37,916	29,471	+28.7						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	64,772	56,064	+15.5	191,299R	168,679	+13.4	72,811	62,755	+16.0	204,814	168,283	+21.7
Total Exports	5,319	4,718	+12.7	21,885R	14,931	+46.6						
Total Domestic	59,453	51,346	+15.8	169,414	153,748	+10.2						
PET Bottle Grades	41,815	37,702	+10.9	117,375	115,569	+1.6						
All Other Thermoplastic Polyester**	17,638	13,644	+29.3	52,039	38,179	+36.3						

**Includes All Other PET and All Injection Molding Grades
# = Includes imputed data
R = Revision

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

A8920-5

The Society of the
Plastics Industry, Inc.

MonthlyStatisticalReport-Resins

355 Lexington Avenue
New York, New York 10017
(212) 573-9400

FOR THE MONTH AND PERIOD ENDED APRIL, 1984

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

1984 ISSUE NO. 4

RELEASE DATE: JUNE 15, 1984

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

**SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY**

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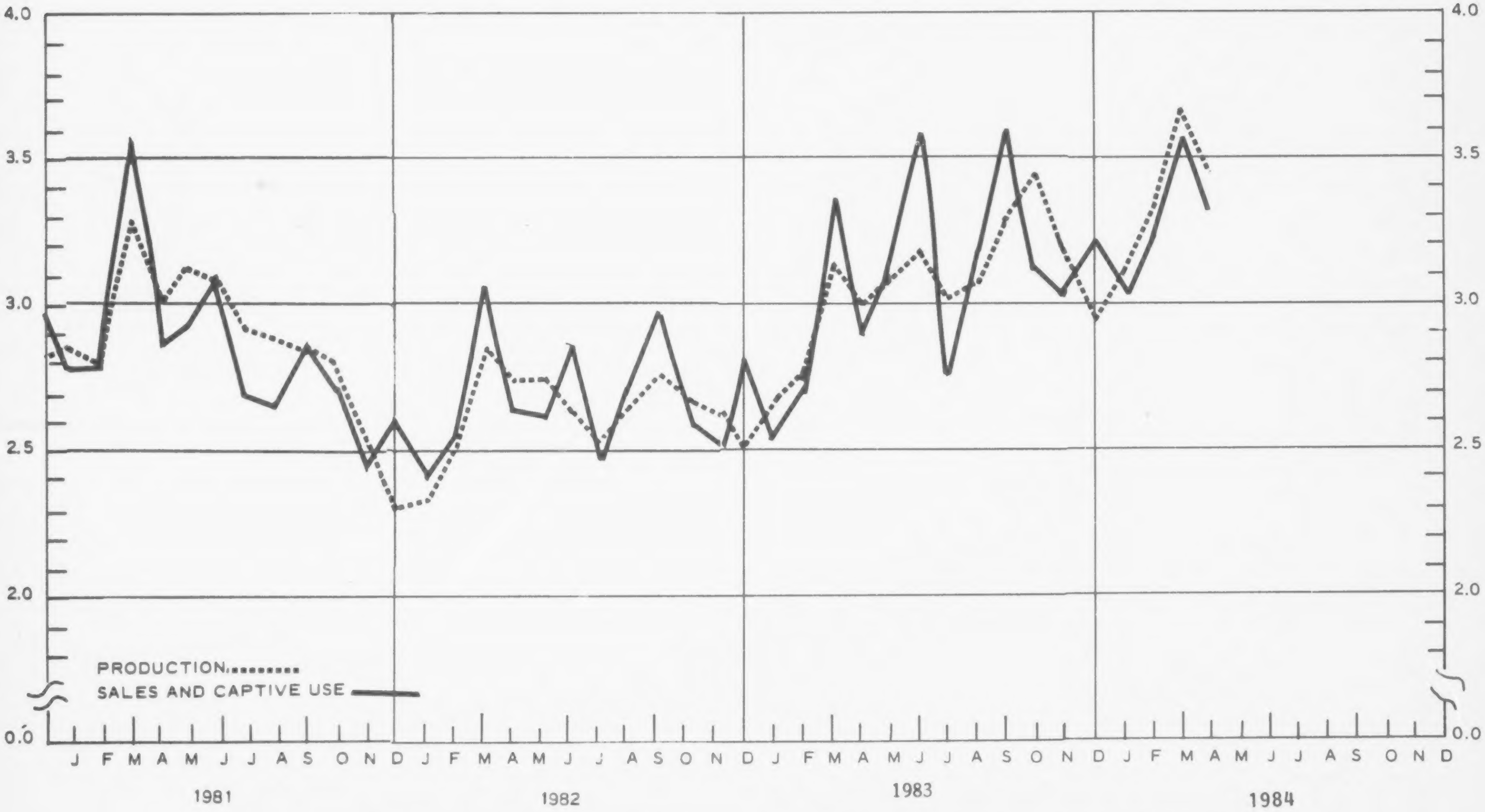
The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

APRIL, 1984



COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

APRIL 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	33,063	26,030	+27.0	132,050R	100,892	+30.9	36,406	31,438	+15.8	139,666R	113,790	+22.7
POLYESTER (UNSATURATED) RESINS, TOTAL	109,670	86,419	+26.9	412,290R	328,052	+25.7	110,866	87,884	+26.2	416,222R	332,763	+25.1
UREA RESINS, TOTAL	104,909	99,944	+5.0	405,776	371,851	+9.1	106,458	101,640	+4.7	409,075	373,822	+9.4
MELAMINE RESINS, TOTAL	16,812	15,123	+11.2	67,017	57,273	+17.0	18,730	14,727	+27.2	69,861	57,257	+22.0
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	234,455	213,673	+9.7	885,982R	794,116	+11.6	238,386	212,375	+12.2	880,934R	776,333	+13.5
THERMOSETTING RESINS, TOTAL	498,909	441,189	+13.1	1,903,115R	1,652,184	+15.2	510,846	448,064	+14.0	1,915,758R	1,653,965	+15.8
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	682,287	606,030	+12.6	2,647,898	2,509,222	+5.5	678,984	648,797	+4.7	2,796,827R	2,584,537	+8.2
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	472,936	435,707	+8.5	1,876,666	1,677,533	+11.9	513,786	441,125	+16.5	2,030,915	1,765,363	+15.0
POLYPROPYLENE, TOTAL	382,317	335,644	+13.9	1,542,322	1,373,711	+12.3	409,245	340,777	+20.1	1,641,262R	1,390,570	+18.0
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	102,260	85,542	+19.5	385,777	306,816	+25.7	108,332	87,541	+23.8	419,845	312,025	+34.6
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,982	7,447	+20.6	34,294	30,074	+14.0	8,686	9,154	-5.1	67,307	28,516	+136.0
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	22,276	17,542	+27.0	81,546	68,091	+19.8	26,513	19,074	+39.0	90,960	72,178	+26.0
POLYSTYRENE, TOTAL	338,960	286,208	+18.4	1,250,705R	1,112,158	+12.5	311,519	296,941	+4.9	1,223,874R	1,094,444	+11.8
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	65,537	57,325	+14.3	248,775	216,574	+14.9	63,638	53,982	+17.9	251,042	216,878	+15.8
NYLON RESINS, TOTAL	32,956	26,039	+26.6	130,043	99,430	+30.8	33,249	27,880	+19.3	142,719	92,192	+54.8
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	541,858	492,152	+10.1	2,419,620R	2,053,501	+17.8	638,062	511,482	+24.7	2,388,759	1,947,089	+22.7
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	60,082	52,318	+14.8	241,083	220,626	+9.3	* 60,082	* 52,318	+14.8	* 241,083	* 220,626	+9.3
POLYVINYL ALCOHOL, TOTAL #	12,701	10,809	+17.5	49,078	43,788	+12.1	8,345	3,804	+119.4	45,781	36,112	+26.8
OTHER VINYL RESINS, TOTAL	15,337	14,841	+3.3	64,035	53,294	+20.2	18,051	15,523	+16.3	66,707	58,784	+13.5
THERMOPLASTIC POLYESTER, TOTAL	70,683	63,819	+10.8	261,982	232,498	+12.7	71,283	62,062	+14.9	276,097	230,345	+19.9
THERMOPLASTIC RESINS, TOTAL	2,809,172	2,491,423	+12.8	11,233,824R	9,997,316	+12.4	2,949,775	2,570,460	+14.8	11,683,178R	10,049,659	+16.3
GRAND TOTAL	3,308,081	2,932,612	+12.8	13,136,939R	11,649,500	+12.8	3,460,621	3,018,524	+14.6	13,598,936R	11,703,624	+16.2

(1) = Except phenolic resins which are reported on a gross weight basis
(4) = Includes Styrene Butadiene Latexes
# = Includes imputed data
D = Disclosure
R = Revision

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

SBL & OSBL includes some estimated data.

Vinyl Acetate Monomer includes some estimated data.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In metric tons, dry weight basis)(1)

APRIL 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	14,998	11,807	+27.0	59,897R	45,764	+30.9	16,514	14,260	+15.8	63,352	51,615	+22.7
POLYESTER (UNSATURATED) RESINS, TOTAL	49,746	39,199	+26.9	187,014R	148,803	+25.7	50,288	39,864	+26.2	188,797	150,940	+25.1
UREA RESINS, TOTAL	47,586	45,335	+5.0	184,059	168,670	+9.1	48,289	46,104	+4.7	185,555	169,565	+9.4
MELAMINE RESINS, TOTAL	7,626	6,860	+11.2	30,399	25,979	+17.0	8,496	6,680	+27.2	31,689	25,972	+22.0
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	106,348	96,921	+9.7	401,878	360,209	+11.6	108,131	96,333	+12.2	399,589	352,142	+13.5
THERMOSETTING RESINS, TOTAL	226,304	200,122	+13.1	863,247R	749,425	+15.2	231,718	203,241	+14.0	868,982	750,234	+15.8
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	309,483	274,893	+12.6	1,201,079	1,138,176	+5.5	307,985	294,292	+4.7	1,268,632	1,172,339	+8.2
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	214,522	197,635	+8.5	851,250	760,924	+11.9	233,052	200,093	+16.5	921,217	800,763	+15.0
POLYPROPYLENE, TOTAL	173,418	152,247	+13.9	699,593	623,111	+12.2	185,632	154,575	+20.1	744,472	630,758	+18.0
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	46,385	38,803	+19.5	174,987	139,171	+25.7	49,139	39,708	+23.8	190,440	141,534	+34.6
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	4,074	3,378	+20.6	15,556	13,641	+14.0	3,940	4,152	-5.1	30,530	12,935	+136.0
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	10,104	7,958	+27.0	36,989	30,886	+19.8	12,026	8,652	+39.0	41,259	32,740	+26.0
POLYSTYRENE, TOTAL	153,751	129,823	+18.4	567,316	504,472	+12.5	141,304	134,692	+4.9	555,146	496,436	+11.8
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	29,728	26,002	+14.3	112,844	98,237	+14.9	28,866	24,486	+17.9	113,872	98,375	+15.8
NYLON RESINS, TOTAL	14,949	11,812	+26.6	58,987	45,101	+30.8	15,082	12,646	+19.3	64,737	41,818	+54.8
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	245,785	223,239	+10.1	1,097,532	931,463	+17.8	289,423	232,007	+24.7	1,083,535	883,194	+22.7
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	27,253	23,731	+14.8	109,354	100,075	+9.3	* 27,253	* 23,731	+14.8	* 109,354	* 100,075	+9.3
POLYVINYL ALCOHOL, TOTAL #	5,762	4,902	+17.5	22,262	19,862	+12.1	3,785	1,725	+119.4	20,766	16,380	+26.8
OTHER VINYL RESINS, TOTAL	6,957	6,731	+3.3	29,046	24,174	+20.2	8,188	7,041	+16.3	30,258	26,664	+13.5
THERMOPLASTIC POLYESTER, TOTAL	32,061	28,948	+10.8	118,834	105,460	+12.7	32,334	28,152	+14.9	125,237	104,484	+19.9
THERMOPLASTIC RESINS, TOTAL	1,274,232	1,130,102	+12.8	5,095,629	4,534,753	+12.4	1,338,009	1,165,952	+14.8	5,299,455	4,558,495	+16.3
GRAND TOTAL	1,500,536	1,330,224	+12.8	5,958,876	5,284,178	+12.8	1,569,727	1,369,193	+14.6	6,168,437	5,308,729	+16.2

(1) = Except phenolic resins which are reported on a gross weight basis
(4) = Includes Styrene Butadiene Latexes
# = Includes imputed data
D = Disclosure
R = Revision

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

APRIL 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	33,063	26,030	+27.0	132,050R	100,892	+30.9	36,406	31,438	+15.8	139,666R	113,790	+22.7
Total Exports	4,265	3,286	+29.8	14,725	10,210	+44.2						
Total Domestic	28,798	22,744	+26.6	117,325R	90,682	+29.4						
Bonding & Adhesives	1,522	1,550	-1.8	6,333R	5,295	+19.6						
Flooring, Paving & Exposed Aggregate	1,371	1,301	+5.4	6,760R	5,446	+24.1						
Protective Coatings	13,393	10,366	+29.2	51,879R	41,608	+24.7						
Fiber Reinforced Laminates & Composites, Total	7,357	4,895	+50.3	31,242R	20,647	+51.3						
FRL&C for Printed Wiring Board	5,516	3,168	+74.1	22,775R	14,313	+59.1						
All Other FRL&C	1,841	1,727	+6.6	6,467R	6,334	+33.7						
Tooling, Casting & Molding Resins	2,432	2,102	+15.7	10,854R	8,683	+25.0						
All Other Uses	2,723	2,530	+7.6	10,257R	9,003	+13.9						
POLYESTER (UNSATURATED) RESINS, TOTAL	109,670	36,419	+26.9	412,290R	328,052	+25.7	110,866	87,884	+26.2	416,222R	332,763	+25.1
Total Exports	966	795	+21.5	2,915	3,374	-13.6						
Total Domestic	108,704	85,624	+27.0	409,375R	324,678	+26.1						
General Purpose Resins, Total	98,759	76,543	+29.0	368,076R	289,325	+27.2						
General Purpose — Thixotropic	46,198	37,152	+24.3	167,835R	129,810	+29.3						
General Purpose — Press Molding	14,844	10,445	+42.1	64,274	41,813	+53.7						
General Purpose — All Other	37,717	28,946	+30.3	135,967R	117,702	+15.5						
Flame Retardant Resins	1,956	1,596	+22.6	7,265	6,360	+14.2						
Chemical Resistant Resins	7,989	7,485	+6.7	34,034	28,993	+17.4						
Chemical Resistant Isophthalic Resins	5,511	5,355	+2.9	23,579	19,868	+18.7						
All Other Chemical Resistant Resins	2,478	2,130	+16.3	10,455	9,125	+14.6						
Reinforced Plastics, Total	84,592	66,383	+27.4	316,244R	248,683	+27.2						
Non-Reinforced Plastics, Total	24,112	19,241	+25.3	93,131R	75,995	+22.5						

R = Revision

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

THERMOSETTING RESINS

APRIL 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
UREA RESINS, TOTAL	104,909	99,944	+5.0	405,776	371,851	+9.1	106,458	101,640	+4.7	409,075	373,822	+9.4
MELAMINE RESINS, TOTAL	16,812	15,123	+11.2	67,017	57,273	+17.0	18,730	14,727	+27.2	69,861	57,257	+22.0
UREA & MELAMINE RESINS, TOTAL	121,721	115,067	+5.8	472,793	429,124	+10.2	125,188	116,367	+7.6	478,936	431,079	+11.1
Total Exports	D	D		D	D							
Total Domestic *	121,721	115,067	+5.8	472,793	429 124	+10.2						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	7,852	5,800	+35.4	34,853	19,830	+75.8	8,141	6,011	+35.4	35,596	26,776	+23.7
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	93,155	85,962	+8.4	355,795	317,731	+12.0	94,204	88,151	+6.9	358,463	323,693	+10.7
Laminating	3,936	3,343	+17.7	15,086	12,984	+16.2	4,005	3,335	+20.1	15,000	13,042	+15.0
Plywood	5,683	5,394	+5.4	17,886	20,301	-11.9	6,026	5,542	+8.7	18,658	20,889	-10.7
Fibrous & Granulated Wood (Particle Board)	83,536	77,225	+8.2	322,823	284,446	+13.5	84,173	79,274	+6.2	324,805	289,762	+12.1
Protective Coatings (Straight & Modified)	7,774	6,699	+16.0	28,059	25,297	+10.9	10,149	7,457	+36.1	35,972	27,029	+33.1
All Other Uses (Includes Textile Treating & Coating Resins, Molding Compounds, and Exports)	12,940	16,606	-22.1	54,086	66,266	-18.4	12,694	14,748	-13.9	48,905	51,581	-5.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	234,455	213,673	+9.7	885,982R	794,116	+11.6	238,386	212,375	+12.2	880,934R	776,333	+13.5
Total Exports	1,831	1,579	+16.0	7,183	7,911	-9.2						
Total Domestic	232,624	212,094	+9.7	878,799R	786,205	+11.8						
Molding Compounds	23,950	18,687	+28.2	91,138	70,324	+29.6	25,305	23,407	+8.1	98,470	81,021	+21.5
Bonding & Adhesive Resins for:	204,388	189,916	+7.6	770,412R	700,543	+10.0	207,721	185,294	+12.1	764,428R	679,547	+12.5
Laminating	15,061	14,572	+3.4	55,755	53,585	+4.0	15,331	12,991	+18.0	54,274	45,088	+20.4
Coated & Bonded Abrasives	2,227	2,618	-14.9	9,599R	9,342	+2.8	2,388	2,595	-8.0	9,196R	9,151	+0.5
Friction Materials	3,297	2,778	+18.7	13,091	9,907	+32.1	3,342	2,862	+16.8	12,875R	9,300	+38.4
Insulation Materials	30,873	26,790	+15.2	116,679R	101,150	+15.4	31,182	25,198	+23.7	113,625R	94,496	+20.2
Foundry & Shell Molding	7,010	6,403	+9.5	26,123	22,315	+17.1	7,090	6,508	+8.9	27,014	22,873	+18.1
Plywood	120,114	113,062	+6.2	451,114	417,733	+8.0	121,167	111,392	+8.8	445,923	410,928	+8.5
Fibrous & Granulated Wood	17,417	16,753	+4.0	65,046	60,685	+7.2	17,627	16,383	+7.6	64,950	59,645	+8.9
Resins Sold to Rubber Industry	2,638	1,943	+35.8	11,144	8,243	+35.2	3,040	1,928	+57.7	12,291	9,380	+31.0
All Other	5,751	4,997	+15.1	21,861R	17,583	+24.3	6,554	5,437	+20.5	24,280R	18,686	+29.9
Protective Coatings — Unmodified & Modified	1,790	1,352	+32.4	7,635	6,149	+24.2	2,645	1,613	+64.0	8,130	6,456	+25.9
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	2,496	2,139	+16.7	9,614	9,189	+4.6	2,715	2,061	+31.7	9,906	9,309	+6.4

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

# = Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

D = Disclosure

R = Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

APRIL 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	682,287	606,030	+12.6	2,647,898	2,509,222	+5.5	678,984	648,797	+4.7	2,796,827R	2,584,537	+8.2
Total Exports	61,686	78,071	-21.0	227,455	286,525	-20.6						
Total Domestic	620,601	527,959	+17.5	2,420,443	2,222,697	+8.9						
Film (12 Mils & Below)	388,377	340,390	+14.1	1,508,306	1,422,869	+6.0						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	52,420	47,202	+11.1	207,085	208,322	-0.6						
Wire & Cable	36,382	24,212	+50.3	130,187	102,547	+27.0						
Extrusion Coating	54,912	45,990	+19.4	217,507	178,581	+21.8						
Blow Molding	4,002	3,011	+32.9	15,952	12,027	+32.6						
Pipe & Conduit, Total	3,836	1,398	+174.4	12,282	7,694	+59.6						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	7,445	7,789	-4.4	27,369	25,736	+6.3						
All Other Uses	73,227	57,967	+26.3	301,755	264,921	+13.9						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	472,936	435,707	+8.5	1,876,666	1,677,533	+11.9	513,786	441,125	+16.5	2,030,915	1,765,363	+15.0
Total Exports	58,022	70,773	-18.0	223,186	288,118	-22.5						
Total Domestic	414,914	364,934	+13.7	1,653,480	1,389,415	+19.0						
Film (12 Mils & Below)	26,239	25,381	+3.4	100,919	109,073	-7.5						
Sheet (Over 12 Mils)	8,533	4,932	+73.0	32,290	23,505	+37.4						
Injection Molding	101,272	95,765	+5.8	394,811	339,926	+16.1						
Wire & Cable	7,403	9,236	-19.8	35,577	38,963	-8.7						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	166,859	141,147	+18.2	681,909	542,841	+25.6						
Pipe & Conduit, Total	35,980	33,716	+6.7	148,778	123,094	+20.9						
Corrugated Pipe & Conduit	8,337	11,466	-27.3	40,609	51,797	-21.6						
Non-Corrugated Pipe & Conduit	27,643	22,250	+24.2	108,169	71,297	+51.7						
Other Extruded Products	3,386	2,992	+13.2	13,860	10,878	+27.4						
All Other Uses	65,242	51,765	+26.0	245,336	201,135	+22.0						

D = Disclosure
(2) = Included in Other Extruded Products
(3) = Included in Film

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

APRIL 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYPROPYLENE, TOTAL	382,317	335,644	+13.9	1,542,322	1,373,711	+12.3	409,245	340,777	+20.1	1,641,262R	1,390,570	+18.0
Total Exports	50,027	43,553	+14.9	191,394	255,371	-25.1						
Total Domestic	332,290	292,091	+13.8	1,350,928	1,118,340	+20.8						
Injection Molding	114,302	94,740	+20.6	458,948R	381,455	+20.3						
Appliances	9,441	7,911	+19.3	40,479	30,297	+33.6						
Consumer Products	27,977	27,161	+3.0	104,163R	103,996	+0.2						
Rigid Packaging	30,351	27,641	+9.8	114,773	115,348	-0.5						
Transportation	24,775	17,770	+39.4	118,294	80,222	+47.5						
All Other Injection Molding	21,758	14,257	+52.6	81,239R	51,592	+57.5						
Blow Molding	7,699	5,557	+38.5	35,745	25,625	+39.5						
- Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	29,859	29,720	+0.5	133,311	115,498	+15.4						
Sheet (Over 10 Mils)	3,076	1,887	+63.0	17,612	7,928	+122.1						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	110,102	106,059	+3.8	446,267	368,627	+21.1						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	8,334	10,531	-20.9	34,006R	35,758	-4.9						
Resellers & Compounders	45,346	31,102	+45.8	158,469R	129,601	+22.3						
All Other Uses	13,572	12,495	+8.6	66,570	53,848	+23.6						

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Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

APRIL 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	102,260	85,542	+19.5	385,777	306,816	+25.7	108,332	87,541	+23.8	419,845	312,025	+34.6
Total Exports	D	D		D	D		D	D		D	D	
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,982	7,447	+20.6	34,294	30,074	+14.0	8,686	9,154	-5.1	67,307	28,516	+136.0
Total Exports	1,785	596	+199.5	4,234	2,967	+42.7						
Total Domestic	7,197	6,851	+5.1	30,060	27,107	+10.9						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	22,276	17,542	+27.0	81,546	68,091	+19.8	26,513	19,074	+39.0	90,960	72,178	+26.0
Total Export	D	D		D	D							
Total Domestic	22,276	17,542	+27.0	81,546	68,091	+19.8						
Molding & Extrusion	16,125	12,599	+28.0	58,265	48,966	+19.0						
Coatings	6,151	4,943	+24.4	23,281	19,125	+21.7						
POLYSTYRENE RESINS, TOTAL	338,960	286,208	+18.4	1,250,705R	1,112,158	+12.5	311,519	269,941	+4.9	1,223,874R	1,094,444	+11.8
Straight Polystyrene	168,695	149,120	+13.1	637,970R	572,041	+11.5	162,959	153,020	+6.5	634,658R	578,695	+9.7
Rubber-Modified Polystyrene	170,265	137,088	+24.2	612,735	540,117	+13.4	148,560	143,921	+3.2	589,216	515,749	+14.2
Total Exports	8,166	6,113	+33.6	27,300	27,427	-0.5						
Straight Polystyrene	4,298	3,797	+13.2	13,972	14,846	-5.9						
Rubber-Modified Polystyrene	3,868	2,316	+67.0	13,328	12,581	+5.9						
Total Domestic	330,794	280,095	+18.1	1,223,405R	1,084,731	+12.8						
Molding	135,431	122,587	+10.5	481,912R	452,851	+6.4						
Extrusion	129,647	95,792	+35.3	463,967	385,756	+20.3						
Expandable Polystyrene Beads	35,249	34,625	+1.8	144,220R	134,198	+7.5						
All Other Uses	30,467	27,091	+12.5	133,306R	111,926	+19.1						
Polystyrene End Uses, Total**	330,794	280,095	+18.1	1,223,405R	1,084,731	+12.8						
Packaging	88,352	73,459	+20.3	318,949R	269,825	+18.2						
Disposables	49,395	35,296	+39.9	177,817R	136,372	+30.4						
Consumer and Institutional Products	50,207	46,161	+8.8	178,461R	175,390	+1.8						
Electrical/Electronics	23,811	20,262	+17.5	83,812R	95,965	-12.7						
Furniture, Furnishings, Building & Construction	14,878	13,264	+12.2	57,558R	51,117	+12.6						
Expandable Polystyrene Beads	35,249	34,625	+1.8	144,220R	134,198	+7.5						
All Other End Uses	68,902	57,028	+20.8	262,588R	221,864	+18.4						

D = Disclosure
R = Revision

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

*Exports is included in Molding & Extrusion under Total Domestic.
**Portions of the End Use Section are estimated.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

APRIL 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including butadiene latexes not carboxylated	D	D		D	D		D	D		D	D	
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL***	65,537	57,325	+14.3	248,775	216,574	+14.9	63,638	53,982	+17.9	251,042	216,878	+15.8
Paper Treating	2,284	2,458	-7.1	9,908	9,694	+2.2						
Textile Treating	1,104	1,874	-41.1	5,713	6,938	-17.7						
Carpet Backing	27,583	25,403	+8.6	104,661	91,349	+14.6						
All Other Uses (Including Exports & Paper Coating)	34,566	27,590	+25.3	128,493	108,593	+18.3						
NYLON RESINS, TOTAL	32,956	26,039	+26.6	130,043	99,430	+30.8	33,249	27,880	+19.3	142,719	92,192	+54.8
Total Exports	2,296	1,893	+21.3	6,920	6,626	+4.4						
Total Domestic	30,660	24,146	+27.0	123,123	92,804	+32.7						
Injection Molding Grade	20,934	15,872	+31.9	83,973	58,511	+43.5						
Extrusion Grade	7,862	6,600	+19.1	30,751	28,094	+9.5						
Resellers and Compounders	1,323	1,241	+6.6	6,078	4,394	+38.3						
All Other Uses	541	433	+24.9	2,321	1,805	+28.6						

***Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SBL & OSBL includes some estimated data.

D = Disclosure

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

APRIL 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	541,858	492,152	+10.1	2,419,620R	2,053,501	+17.8	638,062	511,482	+24.7	2,388,759	1,947,089	+22.7
Homopolymer Resins Including Blending & Latex	493,345	443,342	+11.3	2,185,862R	1,835,058	+19.1	573,688	454,856	+26.1	2,145,430	1,744,480	+23.0
Copolymer Resins Including Blending & Latex	21,018	20,298	+3.5	100,056R	89,241	+12.1	29,765	23,295	+27.8	104,842	85,637	+22.4
Dispersion Resins	27,495	28,512	-3.6	133,702	129,202	+3.5	34,609	33,331	+3.8	138,487	116,972	+18.4
Total Exports	40,004	40,995	-2.4	164,134R	191,232	-14.2						
Total Domestic	501,855	451,157	+11.2	2,255,486R	1,862,269	+21.1						
Calendering, Total	48,757	42,706	+14.2	248,980R	227,005	+9.7						
Flooring	11,887	10,871	+9.3	57,172R	51,375	+11.3						
Textile	6,996	5,806	+20.5	37,911R	30,642	+23.7						
All Other Calendering Uses	29,874	26,029	+14.8	153,897R	144,988	+6.1						
Coating, Total	21,952	25,251	-13.1	117,883R	114,539	+2.9						
Flooring	4,934	9,750	-49.4	39,624R	45,645	-13.2						
Textile & Paper Coating	9,534	8,977	+6.2	40,394R	39,195	+3.1						
Protective Coatings	3,709	3,033	+22.3	15,553R	14,558	+6.8						
Adhesives & All Other Coating Uses	3,775	3,491	+8.1	22,312R	15,141	+47.4						
Extrusion, Total	333,624	300,290	+11.1	1,481,141R	1,172,591	+26.3						
Wire & Cable	30,218	28,216	+7.1	150,474R	119,931	+25.5						
Film & Sheet	26,162	26,305	-0.5	116,782R	100,649	+16.0						
Rigid Pipe & Tubing (Except Fittings)	223,239	202,725	+10.1	989,030R	769,481	+28.5						
All Other Extrusions	54,005	43,044	+25.5	224,855R	182,530	+23.2						
Molding, Total	40,373	38,808	+4.0	161,136R	137,530	+17.2						
Bottles	20,668	13,736	+50.5	66,373R	45,164	+47.0						
Sound Records	4,708	11,702	-59.8	24,873R	30,638	-18.8						
Fittings (Rigid Pipe & Tubing)	8,947	7,407	+20.8	42,993R	34,757	+23.7						
All Other Molding	6,050	5,963	+1.5	26,897R	26,971	-0.3						
Paste Processes (Except Coating)	13,435	11,484	+17.0	61,304R	56,351	+8.8						
Plastisol Formulation	7,114	6,431	+10.6	35,138R	30,421	+15.5						
All Other	6,321	5,053	+25.1	26,166R	25,930	+0.9						
Resellers & Compounders	14,290	12,889	+10.9	64,657R	63,991	+1.0						
All Other Uses	29,424	19,729	+49.1	120,385R	90,262	+33.4						

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R = Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

APRIL 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	60,082	52,318	+14.8	241,083	220,626	+9.3						
Total Exports	333	644	-48.3	1,333	2,537	-47.5						
Total Domestic	59,749	51,674	+15.6	239,750	218,089	+9.9						
Emulsion Paints	18,015	15,534	+16.0	73,372	67,349	+8.9						
Adhesives, Caulks and Sealants	24,497	20,847	+17.5	97,076	88,094	+10.2						
Paper Treating & Paper Coating	10,472	8,752	+19.7	41,250	37,942	+8.7						
Textile Treating	1,472	1,818	-19.0	7,794	6,102	+27.7						
Non-Woven Binders	2,556	2,446	+4.5	10,430	10,192	+2.3						
All Other Uses	2,737	2,277	+20.2	9,828	8,410	+16.9						
POLYVINYL ALCOHOL, TOTAL #	12,701	10,809	+17.5	49,078	43,788	+12.1	8,345	3,804	+119.4	45,781	36,112	+26.8
Total Exports	2,726	1,732	+57.4	9,321	7,180	+29.8						
Total Domestic	9,975	9,077	+9.9	39,757	36,608	+8.6						
OTHER VINYL RESINS*, TOTAL	15,337	14,841	+3.3	64,035	53,294	+20.2	18,051	15,523	+16.3	66,707	58,784	+13.5
Total Exports	3,401	3,161	+7.6	14,183	12,143	+16.8						
Total Domestic	11,936	11,680	+2.2	49,852	41,151	+21.1						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	70,683	63,819	+10.8	261,982	232,498	+12.7	71,283	62,062	+14.9	276,097	230,345	+19.9
Total Exports	9,096	6,285	+44.7	30,981	21,216	+46.0						
Total Domestic	61,587	57,534	+7.0	231,001	211,282	+9.3						
PET Bottle Grades	41,874	42,041	-0.4	159,249	157,610	+1.0						
All Other Thermoplastic Polyester**	19,713	15,493	+27.2	71,752	53,672	+33.7						

**Includes All Other PET and All Injection Molding Grades

= Includes imputed data

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Vinyl Acetate Monomer for Polyvinyl Acetate includes some estimated data.

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS

EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS)	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS

CATEGORY	CODE
Production	P
Domestic Sales	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																			
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ACME RESINS					PDE															
ADVANCE COATINGS		PD																		
A & E PLASTICS											PDE									
AIR PRODUCTS & CHEMICALS																PDE	DE	PDE		
ALLIED CORPORATION							PDE								PDE					
ALPHA CHEMICAL CORPORATION		PDE																		
AMERICAN CYANAMID COMPANY			PDE	PDE																
AMERICAN HOECHST CORP.- PLASTICS DIVISION							PDE				PDE									
AMERICAN HOECHST CORP.- SOU-TEX DIVISION				PD	PD															
AMETEK, HAVEG DIVISION					PD															
AMERICAN SYNTHETIC RUBBER												PD								
AMOCO CHEMICAL CORPORATION							PDE	PDE			PDE									
ANDERSON DEVELOPMENT CO.														PD						
ARCO CHEMICAL								PDE			PDE			PDE						
ASHLAND CHEMICAL COMPANY		PDE			PDE															
AZS CORPORATION		PD																		
BADISCHE CORPORATION															PD					
BASF WYANDOTTE											PD									
BELDING CHEMICAL INDUSTRIES															PD					

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																			
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
BENDIX CORPORATION					PD															
BORDEN CHEMICAL COMPANY			PDE	PD	PDE											PDE	D			
BORG-WARNER CHEMICALS, INC.									PDE	PD										
CARGILL, INC.		PD																		
CELANESE CHEMICAL COMPANY																	D			
CELANESE ENGINEERING RESINS	PDE		PD	PD											PDE					PDE
CERTAIN-TEED PRODUCTS CORP.																PD				
CHEMBOND CORPORATION			PD	PD	PDE															
CHEMPLEX COMPANY						PDE	PDE													
CIBA-GEIGY CORP.	PDE																			
CONOCO INC.																PDE				
COOK PAINT & VARNISH COMPANY		PD																		
COSDEN OIL & CHEMICAL COMPANY											PDE									
CUSTOM RESINS, INC.															PD					
DAN RIVER, INC.			PD																	
DOW CHEMICAL U.S.A.	PDE	PDE				PDE	PDE		PDE	PDE	PDE	PD	PD	PDE					PDE	
E.I. DU PONT DE NEMOURS AND COMPANY						PDE	PDE							PD	PDE			PDE	PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE		PDE												PDE
EL PASO CHEMICAL						PDE		PDE												

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
EXXON CHEMICAL, AMERICAS						PDE	PDE	PDE												
FIRESTONE SYNTHETIC RUBBER & LATEX														PD						
FORMICA CORPORATION				PD	PD															
FORMOSA PLASTICS CORPORATION																PD				
FREEMAN CHEMICAL CORPORATION		PD																		
H.B. FULLER COMPANY																	DE			
GAF CORPORATION																				PDE
PLASTICS DEPARTMENT GENERAL ELECTRIC COMPANY																				PDE
GENERAL TIRE & RUBBER												PD	PD			PD				
GEORGIA-PACIFIC CORPORATION			PDE		PDE						PD					PDE				
GLIDDEN COATINGS AND RESINS DIV. OF SCM		PD																		
B.F. GOODRICH CHEMICAL COMPANY										PDE						PDE				
GOODYEAR CHEMICAL DIVISION												PD	PD	PDE		PDE				PDE
DEWEY & ALMY DIVISION W.R. GRACE & COMPANY									PD			PD	PD				D		PDE	
GRIFFTEX CHEMICALS			PD	PD																
GUARDSMAN CHEMICALS, INC.			PD																	

SPI

CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
GULF OIL PRODUCTS COMPANY						PDE	PDE	PDE			PDE									
HERCULES, INC.														PDE						
HIMONT USA, INC.							PDE	PDE												
HOECHST FIBERS INDUSTRIES																				PDE
HUNTSMAN CHEMICAL CORPORATION											PD									
ICI AMERICAS		PDE																		
INMONT CORPORATION		PD			PD															
INTERPLASTIC CORPORATION		PD																		
IRONSIDES RESINS, INC.					PD															
KEYSOR-CENTURY CORPORATION																PD				
KOPPERS COMPANY		PD			PDE															
MAPLECHEM, INC.			PD	PD																
MASONITE CORPORATION					PD															
MOBIL CHEMICAL COMPANY						PDE					PDE									
MONSANTO POLYMER PRODUCTS CO.			PDE	PDE					PDE	PDE	PDE			PDE	PDE		DE	PDE	PDE	
MORTON INDUSTRIES													PD						PDE	

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
NATIONAL STARCH & CHEMICALS CORP																	D			
NORTHERN PETROCHEMICAL						PDE		PDE												
NYLON CORP. OF AMERICA															PD					
OCCIDENTAL CHEMICAL CORP					PDE											PDE				
OWENS-CORNING FIBERGLAS		PDE		PD	PD															
PERKINS INDUSTRIES, INC.			PD		PD															
PERSTORP COMPOUNDS, INC			PDE	PD																
PHILLIPS CHEMICAL COMPANY						DE	PDE	PDE						PDE						
PIONEER PLASTICS		PD	PD	PD	PD															
PLASLOK CORPORATION					PD															
PLASTICS ENGINEERING COMPANY					PDE															
PLASTICS MANUFACTURING CO.			PD	PD																
POLYMER APPLICATION, INC.					PD															
POLYREZ COMPANY, INC.					PDE															
POLYSAR LIMITED												PD	PD							
POLYSAR, INC.											PDE									
RAYMARK INDUSTRIES					PD															
REICHHOLD CHEMICALS, INC.	PDE	PDE	PDE	PDE	PDE							PD					D			

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																			
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SRL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
RILSAN CORPORATION															PDE					
ROGERS CORPORATION					PDE															
ROHM AND HAAS COMPANY														PDE			D		PDE	PD
SHAKESPEARE COMPANY															PD					
SHELL CHEMICAL COMPANY	PDE							PDE												
SHERWIN WILLIAMS		PD																		
SHINTECH, INC																PDE				
SILMAR DIV. OF SOHIO CHEM. CO.		PDE																		
SOLTEX POLYMER CORP.							PDE	PDE												
TENNECO POLYMERS, INC.																PDE				
TEXTYRENE PLASTICS											PD									
UNION CARBIDE CORPORATION	PDE				PDE	PDE	PDE										DE			
UNION CHEMICAL												PD					D		PD	
UNIROYAL CHEMICAL					PDE															
U.S. INDUSTRIAL CHEMICAL						PDE	DE										D			
USS CHEMICAL		PDE						PDE												
VALCHEM DIV. OF UNITED MERCHANTS, INC.			PD																	
VALITE DIVISION OF VALENTINE SUGARS, INC.					PD															
VANLEER CONTAINERS, INC.					PD															

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CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
VITITEK											PD									
WELLMAN, INC.															PDE					
TOTAL 106	6	19	16	14	28	12	13	12	4	4	15	8	6	10	11	13	12	3	7	8

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The Society of the
Plastics Industry, Inc.

SPI

MonthlyStatisticalReport-Resins

355 Lexington Avenue
New York, New York 10017
(212) 573-9400

FOR THE MONTH AND PERIOD ENDED MAY, 1984

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

1984 ISSUE NO. 5
RELEASE DATE: JULY 18, 1984

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

**SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY**

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The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

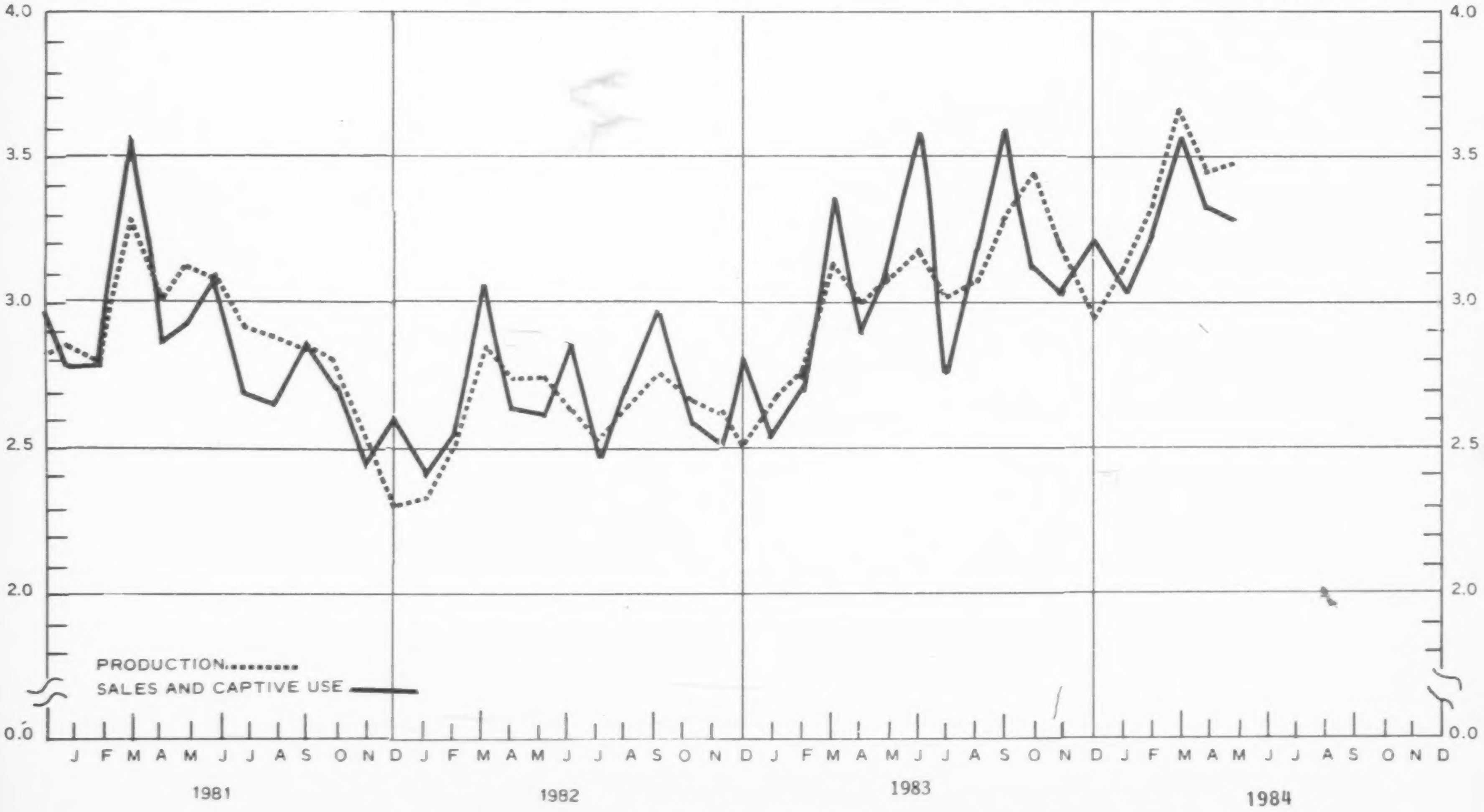
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

MAY, 1984



COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

MAY 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	35,516	26,639	+33.3	167,566	127,531	+31.4	35,554	30,459	+16.7	175,220	144,249	-21.5
POLYESTER (UNSATURATED) RESINS, TOTAL	113,777	93,826	+21.3	525,965R	421,878	+24.7	115,373	94,313	+22.3	531,493R	427,076	+24.4
UREA RESINS, TOTAL	105,990	104,613	+1.3	511,766	476,464	+7.4	105,397	105,176	+0.2	514,472	478,998	+7.4
MELAMINE RESINS, TOTAL	17,555	15,122	+16.1	84,572	72,395	+16.8	19,361	15,646	+23.7	89,222	72,903	+22.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	207,073	198,826	+4.1	1,093,055	992,942	+10.1	209,178	193,853	+7.9	1,088,142R	970,186	+12.2
THERMOSETTING RESINS, TOTAL	479,911	439,026	+9.3	2,382,924R	2,091,210	+13.9	484,863	439,447	+10.3	2,398,549R	2,093,412	+14.6
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	670,442	642,751	+4.3	3,318,340	3,151,973	+5.3	754,995	701,218	+7.7	3,563,042R	3,285,755	+8.4
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	505,670	470,288	+7.5	2,382,336	2,147,821	+10.9	541,017	457,625	+18.2	2,569,641R	2,222,988	+15.6
POLYPROPYLENE, TOTAL	404,594	364,915	+10.9	1,946,916	1,738,626	+12.0	418,974	364,395	+15.0	2,060,236	1,754,965	+17.4
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	103,253	81,257	+27.1	490,030R	388,073	+26.3	111,723	76,842	+45.4	534,168R	388,867	+37.4
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,836	7,438	+18.8	43,430R	37,512	+15.8	10,237	8,694	+17.7	77,644R	37,210	+108.7
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene (3)	24,686	22,072	+11.8	106,232	90,163	+17.8	24,334	19,152	+27.1	115,294	91,330	+26.2
POLYSTYRENE, TOTAL	327,449	325,760	+0.5	1,576,554R	1,437,918	+9.6	316,413	309,375	+2.3	1,536,987R	1,403,819	+9.5
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	69,323	61,943	+11.9	315,216R	278,517	+13.2	69,185	65,335	+5.9	317,345R	282,213	+12.4
NYLON RESINS, TOTAL	33,232	26,394	+25.9	163,275	125,824	+29.8	36,846	26,764	+37.7	179,565	118,956	+51.0
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	505,856	544,648	-7.1	2,925,482R	2,598,149	+12.6	551,657	556,554	-0.9	2,940,076R	2,503,643	+17.4
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	61,427	57,718	+6.4	302,018R	278,344	+8.5	* 61,427	* 57,718	+6.4	* 302,018R	* 278,344	+8.5
POLYVINYL ALCOHOL, TOTAL #	12,537	10,532	+19.0	61,615	54,320	+13.4	14,441	12,023	+20.1	60,222	48,135	+25.1
OTHER VINYL RESINS, TOTAL	16,586	14,243	+16.5	79,810R	67,537	+18.2	14,022	15,223	-7.9	79,918R	74,007	+8.0
THERMOPLASTIC POLYESTER, TOTAL	74,841	66,169	+13.1	336,823	298,667	+12.8	76,585	63,511	+20.6	346,004R	293,856	+17.7
THERMOPLASTIC RESINS, TOTAL	2,818,732	2,696,128	+4.5	14,048,077R	12,693,444	+10.7	3,001,856	2,734,429	+9.8	14,682,160R	12,784,088	+14.8
GRAND TOTAL	3,298,643	3,135,154	+5.2	16,431,001R	14,784,654	+11.1	3,486,719	3,173,876	+9.9	17,080,709R	14,877,500	+14.8

(1) = Except phenolic resins which are reported on a gross weight basis
(3) = Includes ABS and SAN
(4) = Includes Styrene Butadiene Latexes
= Includes imputed data

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In metric tons, dry weight basis)(1)

MAY 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	16,110	12,083	+33.3	76,007	57,848	+31.4	16,127	13,816	+16.7	79,479	65,431	+21.5
POLYESTER (UNSATURATED) RESINS, TOTAL	51,609	42,559	+21.3	238,576R	191,363	+24.7	52,333	42,780	+22.3	241,084R	193,720	+24.4
UREA RESINS, TOTAL	48,077	47,452	+1.3	232,135	216,123	+7.4	47,808	47,708	+0.2	233,363	217,272	+7.4
MELAMINE RESINS, TOTAL	7,963	6,859	+16.1	38,362	32,837	+16.8	8,782	7,097	+23.7	40,471	33,068	+22.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	93,927	90,187	+4.1	495,807	450,195	+10.1	94,882	87,931	+7.9	493,578	440,074	+12.2
THERMOSETTING RESINS, TOTAL	217,686	199,140	+9.3	1,080,887R	948,566	+13.9	219,932	199,332	+10.3	1,087,975R	949,565	+14.6
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	304,110	291,550	+4.3	1,505,189	1,429,725	+5.3	342,463	318,070	+7.7	1,616,185R	1,490,409	+8.4
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	229,370	213,321	+7.5	1,080,622	974,245	+10.9	245,404	207,577	+18.2	1,165,581R	1,008,341	+15.6
POLYPROPYLENE, TOTAL	183,523	165,524	+10.9	883,115	788,636	+12.0	190,045	165,288	+15.0	934,517	796,047	+17.4
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	46,835	36,858	+27.1	222,276R	176,029	+26.3	50,677	34,856	+45.4	242,297R	176,389	+37.4
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	4,008	3,374	+18.8	19,700R	17,015	+15.8	4,643	3,944	+17.7	35,219R	16,878	+108.7
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene (3)	11,197	10,012	+11.8	48,186	40,898	+17.8	11,038	8,687	+27.1	52,297	41,427	+26.2
POLYSTYRENE, TOTAL	148,330	147,764	+0.5	715,120R	652,235	+9.6	143,525	140,332	+2.3	697,174R	636,768	+9.5
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	31,445	28,097	+11.9	142,981R	126,334	+13.2	31,382	29,636	+5.9	143,947	128,011	+12.4
NYLON RESINS, TOTAL	15,074	11,972	+25.9	74,061	57,073	+29.8	16,713	12,140	+37.7	81,450	53,958	+51.0
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	229,455	247,051	-7.1	1,326,990R	1,178,514	+12.6	250,231	252,451	-0.9	1,333,610R	1,135,646	+17.4
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	27,863	26,181	+6.4	136,994	126,256	+8.5	* 27,863	* 26,181	+6.4	* 136,994	* 126,256	+8.5
POLYVINYL ALCOHOL, TOTAL #	5,687	4,777	+19.0	27,948	24,639	+13.4	6,550	5,454	+20.1	27,316	21,834	+25.1
OTHER VINYL RESINS, TOTAL	7,523	6,461	+16.5	36,202R	30,635	+18.2	6,360	6,905	-7.9	36,251R	33,569	+8.0
THERMOPLASTIC POLYESTER, TOTAL	33,948	30,014	+13.1	152,782	135,474	+12.8	34,739	28,808	+20.6	156,946R	133,292	+17.7
THERMOPLASTIC RESINS, TOTAL	1,278,568	1,222,956	+4.5	6,372,166R	5,757,708	+10.7	1,361,633	1,240,329	+9.8	6,659,784R	5,798,825	+14.8
GRAND TOTAL	1,496,254	1,422,096	+5.2	7,453,053R	6,706,274	+11.1	1,581,565	1,439,661	+9.9	7,747,759R	6,748,390	+14.8

(1) = Except phenolic resins which are reported on a gross weight basis
(3) = Includes ABS and SAN
(4) = Includes Styrene Butadiene Latexes
= Includes imputed data

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

MAY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	35,516	26,639	+33.3	167,566	127,531	+31.4	35,554	30,459	+16.7	175,220	144,249	+21.5
Total Exports	5,561	2,965	+87.6	20,286	13,175	+54.0						
Total Domestic	29,955	23,674	+26.5	147,280	114,356	+28.8						
Bonding & Adhesives	1,382	1,278	+8.1	7,715	6,573	+17.4						
Flooring, Paving & Exposed Aggregate	1,653	1,325	+24.8	8,413	6,771	+24.3						
Protective Coatings	13,934	10,701	+30.2	65,813	52,309	+25.8						
Fiber Reinforced Laminates & Composites, Total	8,391	5,661	+48.2	39,633	26,308	+50.6						
FRL&C for Printed Wiring Board	5,993	4,073	+47.1	28,768	18,386	+56.5						
All Other FRL&C	2,398	1,588	+51.0	10,865	7,922	+37.1						
Tooling, Casting & Molding Resins	2,362	2,262	+4.4	13,216	10,945	+20.7						
All Other Uses	2,233	2,447	-8.7	12,490	11,450	+9.1						
POLYESTER (UNSATURATED) RESINS, TOTAL	113,777	93,826	+21.3	525,965R	421,878	+24.7	115,373	94,313	+22.3	531,493R	427,076	+24.4
Total Exports	715	704	+1.6	3,630	4,078	-11.0						
Total Domestic	113,062	93,122	+21.4	522,335R	417,800	+25.0						
General Purpose Resins, Total	101,768	83,606	+21.7	469,726R	372,931	+26.0						
General Purpose – Thixotropic	46,640	40,800	+14.3	214,357R	170,610	+25.6						
General Purpose – Press Molding	19,562	11,483	+70.4	83,836R	53,296	+57.3						
General Purpose – All Other	35,566	31,323	+13.5	171,533	149,025	+15.1						
Flame Retardant Resins	1,932	1,676	+15.3	9,202R	8,036	+14.5						
Chemical Resistant Resins	9,362	7,840	+19.4	43,407R	36,833	+17.8						
Chemical Resistant Isophthalic Resins	6,599	5,303	+24.4	30,178	25,171	+19.9						
All Other Chemical Resistant Resins	2,763	2,537	+8.9	13,229R	11,662	+13.4						
Reinforced Plastics, Total	88,233	72,279	+22.1	404,375R	320,962	+26.0						
Non-Reinforced Plastics, Total	24,829	20,843	+19.1	117,960	96,838	+21.8						

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

THERMOSETTING RESINS

MAY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
UREA RESINS, TOTAL	105,990	104,613	+1.3	511,766	476,464	+7.4	105,397	105,176	+0.2	514,472	478,998	+7.4
MELAMINE RESINS, TOTAL	17,555	15,122	+16.1	84,572	72,395	+16.8	19,361	15,646	+23.7	89,222	72,903	+22.4
UREA & MELAMINE RESINS, TOTAL	123,545	119,735	+3.2	596,338	548,859	+8.7	124,758	120,822	+3.3	603,694	551,901	+9.4
Total Exports	D	D		D	D							
Total Domestic *	123,545	119,735	+3.2	596,338	548,859	+8.7						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	8,463	6,253	+35.3	43,316	26,083	+66.1	9,197	6,610	+39.1	44,793	35,386	+26.6
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	92,744	90,741	+2.2	448,539	408,472	+9.8	92,007	91,285	+0.8	450,470	414,978	+8.6
Laminating	3,894	3,378	+15.3	18,980	16,362	+16.0	3,904	3,221	+21.2	18,904	16,263	+16.2
Plywood	5,631	5,072	+11.0	23,517	25,373	-7.3	5,743	5,274	+8.9	24,401	26,163	-6.7
Fibrous & Granulated Wood (Particle Board)	83,219	82,291	+1.1	406,042	366,737	+10.7	82,360	82,790	-0.5	407,165	372,552	+9.3
Protective Coatings (Straight & Modified)	7,973	6,855	+16.3	36,032	32,152	+12.1	9,866	7,818	+26.2	45,838	34,847	+31.5
All Other Uses (Includes Textile Treating & Coating Resins, Molding Compounds, and Exports)	14,365	15,886	-9.6	68,451	82,152	-16.7	13,688	15,109	-9.4	62,593	66,690	-6.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	207,073	198,826	+4.1	1,093,055	992,942	+10.1	209,178	193,853	+7.9	1,088,142R	970,186	+12.2
Total Exports	2,394	2,108	+13.6	9,577	10,019	-4.4						
Total Domestic	204,679	196,718	+4.0	1,083,478	982,923	+10.2						
Molding Compounds	21,224	19,620	+8.2	112,362	89,944	+24.9	25,274	23,596	+7.1	123,744	104,617	+18.3
Bonding & Adhesive Resins for:	178,821	173,277	+3.2	949,233	873,820	+8.6	178,563	166,346	+7.3	941,021R	845,893	+11.2
Laminating	12,294	13,471	-8.7	68,049	67,056	+1.5	10,633	10,952	-2.9	62,937R	56,040	+12.3
Coated & Bonded Abrasives	1,967	2,117	-7.1	11,566	11,459	+0.9	2,101	2,015	+4.3	11,297	11,166	+1.2
Friction Materials	2,934	2,624	+11.8	16,025	12,531	+27.9	3,054	2,955	+3.4	15,929	12,255	+30.0
Insulation Materials	27,370	27,366	0.0	144,049	128,516	+12.1	27,601	25,623	+7.7	141,226	120,119	+17.6
Foundry & Shell Molding	6,421	5,099	+25.9	32,544	27,414	+18.7	6,692	5,122	+30.7	33,706	27,995	+20.4
Plywood	105,739	99,518	+6.3	556,853	517,251	+7.7	104,301	96,699	+7.9	550,224	507,627	+8.4
Fibrous & Granulated Wood	15,068	15,698	-4.0	80,114	76,383	+4.9	15,338	15,333	0.0	80,288	74,978	+7.1
Resins Sold to Rubber Industry	2,553	2,448	+4.3	13,697	10,691	+28.1	3,418	2,412	+41.7	15,709	11,792	+33.2
All Other	4,475	4,936	-9.3	26,336	22,519	+17.0	5,425	5,235	+3.6	29,705	23,921	+24.2
Protective Coatings — Unmodified & Modified	1,895	1,408	+34.6	9,530	7,557	+26.1	2,081	1,706	+22.0	10,211	8,162	+25.1
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	2,739	2,413	+13.5	12,353	11,602	+6.5	3,260	2,205	+47.8	13,166	11,514	+14.3

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

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= Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

SPI

CRS

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MAY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	670,442	642,751	+4.3	3,318,340	3,151,973	+5.3	754,995	701,218	+7.7	3,563,042R	3,285,755	+8.4
Total Exports	62,336	92,001	-32.2	289,791	378,526	-23.4						
Total Domestic	608,106	550,750	+10.4	3,028,549	2,773,447	+9.2						
Film (12 Mils & Below)	373,953	346,532	+7.9	1,882,259	1,769,401	+6.4						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	53,032	49,653	+6.8	260,117	257,975	+0.8						
Wire & Cable	35,319	25,163	+40.4	165,506	127,710	+29.6						
Extrusion Coating	57,391	48,257	+18.9	274,898	226,838	+21.2						
Blow Molding	3,230	3,674	-12.1	19,182	15,701	+22.2						
Pipe & Conduit, Total	2,866	2,578	+11.2	15,148	10,272	+47.5						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	5,998	6,188	-3.1	33,367	31,924	+4.5						
All Other Uses	76,317	68,705	+11.1	378,072	333,626	+13.3						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	505,670	470,288	+7.5	2,382,336	2,147,821	+10.9	541,017	457,625	+18.2	2,569,641R	2,222,988	+15.6
Total Exports	55,590	74,395	-25.3	279,526R	362,513	-22.9						
Total Domestic	450,080	395,893	+13.7	2,102,810R	1,785,308	+17.8						
Film (12 Mils & Below)	32,437	33,219	-2.4	133,356R	142,292	-6.3						
Sheet (Over 12 Mils)	8,232	6,265	+31.4	40,522	29,770	+36.1						
Injection Molding	105,799	105,148	+0.6	500,610	445,074	+12.5						
Wire & Cable	13,778	7,568	+82.1	49,355	46,531	+6.1						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	174,912	147,337	+18.7	856,821	690,178	+24.1						
Pipe & Conduit, Total	44,200	40,398	+9.4	192,228R	163,492	+17.6						
Corrugated Pipe & Conduit	15,589	18,387	-15.2	56,198	70,184	-19.9						
Non-Corrugated Pipe & Conduit	28,611	22,011	+30.0	136,030R	93,308	+45.8						
Other Extruded Products	3,119	4,022	-22.5	16,979	14,900	+14.0						
All Other Uses	67,603	51,936	+30.2	312,939	253,071	+23.7						

D = Disclosure
(2) = Included in Other Extruded Products
(3) = Included in Film

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MAY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYPROPYLENE, TOTAL	404,594	364,915	+10.9	1,946,916	1,738,626	+12.0	418,974	364,395	+15.0	2,060,236	1,754,965	+17.4
Total Exports	63,195	57,064	+10.7	254,589	312,435	-18.5						
Total Domestic	341,399	307,851	+10.9	1,692,327	1,426,191	+18.7						
Injection Molding	111,152	103,077	+7.8	570,100	484,532	+17.7						
Appliances	8,927	7,855	+13.6	49,406	38,152	+29.5						
Consumer Products	25,856	23,837	+8.5	130,019	127,833	+1.7						
Rigid Packaging	30,195	31,961	-5.5	144,968	147,309	-1.6						
Transportation	26,392	22,116	+19.3	144,686	102,338	+41.4						
All Other Injection Molding	19,782	17,308	+14.3	101,021	68,900	+46.6						
Blow Molding	7,714	6,630	+16.3	43,459	32,255	+34.7						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	30,139	28,614	+5.3	163,450	144,112	+13.4						
Sheet (Over 10 Mils)	4,439	2,808	+58.1	22,051	10,736	+105.4						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	114,216	99,588	+14.7	560,483	468,215	+19.7						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	10,298	7,960	+29.4	44,304	43,718	+1.3						
Resellers & Compounders	52,219	43,760	+19.3	210,688	173,361	+21.5						
All Other Uses	11,222	15,414	-27.2	77,792	69,262	+12.3						

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= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MAY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	103,253	81,257	+27.1	490,030R	388,073	+26.3	111,723	76,842	+45.4	534,168R	388,867	+37.4
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,836	7,438	+18.8	43,430R	37,512	+15.8	10,237	8,694	+17.7	77,644R	37,210	+108.7
Total Exports	1,164	844	+37.9	5,398	3,811	+41.6						
Total Domestic	7,672	6,594	+16.3	38,032R	33,701	+12.9						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene (3)	24,686	22,072	+11.8	106,232	90,163	+17.8	24,334	19,152	+27.1	115,294	91,330	+26.2
Total Export	D	D		D	D							
Total Domestic	24,686	22,072	+11.8	106,232	90,163	+17.8						
Molding & Extrusion	18,253	16,078	+13.5	76,518	65,044	+17.6						
Coatings	6,433	5,994	+7.3	29,714	25,119	+18.3						
POLYSTYRENE RESINS, TOTAL	327,449	325,760	+0.5	1,576,554R	1,437,918	+9.6	316,413	309,375	+2.3	1,536,987R	1,403,819	+9.5
Straight Polystyrene	170,047	162,077	+4.9	807,017R	734,118	+9.9	161,988	153,737	+5.4	800,565R	732,432	+9.3
Rubber-Modified Polystyrene	157,402	163,683	-3.8	769,537R	703,800	+9.3	154,425	155,638	-0.8	736,422R	671,387	+9.7
Total Exports	9,731	5,515	+76.4	39,677R	32,942	+20.4						
Straight Polystyrene	5,118	2,427	+110.9	21,736R	17,273	+25.8						
Rubber-Modified Polystyrene	4,613	3,088	+49.4	17,941	15,669	+14.5						
Total Domestic	317,718	320,245	-0.8	1,536,877R	1,404,976	+9.4						
Molding	124,420	143,631	-13.4	603,868R	596,482	+1.2						
Extrusion	124,690	102,404	+21.8	587,342R	488,160	+20.3						
Expandable Polystyrene Beads	40,867	38,445	+6.3	184,687R	172,643	+7.0						
All Other Uses	27,741	35,765	-22.4	160,980R	147,691	+9.0						
Polystyrene End Uses, Total**	317,718	320,245	-0.8	1,536,877R	1,404,976	+9.4						
Packaging	79,139	87,174	-9.2	397,956R	356,999	+11.5						
Disposables	46,602	37,328	+24.8	223,497R	173,700	+28.7						
Consumer and Institutional Products	45,980	48,288	-4.8	223,700R	223,678	0.0						
Electrical/Electronics	23,673	23,836	-0.7	107,485	119,801	-10.3						
Furniture, Furnishings, Building & Construction	14,979	14,036	+6.7	72,537	65,153	+11.3						
Expandable Polystyrene Beads	40,867	38,445	+6.3	184,687R	172,643	+7.0						
All Other End Uses	66,478	71,138	-6.6	327,015R	293,002	+11.6						

(3) = Includes ABS and SAN

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**Portions of the End Use Section are estimated.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MAY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including butadiene latexes not carboxylated	D	D		D	D		D	D		D	D	
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL***	69,323	61,943	+11.9	315,216R	278,517	+13.2	69,185	65,335	+5.9	317,345R	282.213	+12.4
Paper Treating	1,895	3,039	-37.6	10,989R	12,733	-13.7						
Textile Treating	1,263	1,909	-33.8	6,874R	8,847	-22.3						
Carpet Backing	30,976	27,037	+14.6	134,054R	118,386	+13.2						
All Other Uses (Including Exports & Paper Coating)	35,189	29,958	+17.5	163,299R	138,551	+17.9						
NYLON RESINS, TOTAL	33,232	26,394	+25.9	163,275	125,824	+29.8	36,846	26,764	+37.7	179,565	118,956	+51.0
Total Exports	1,687	1,477	+14.2	8,607	8,103	+6.2						
Total Domestic	31,545	24,917	+26.6	154,668	117,721	+31.4						
Injection Molding Grade	20,891	15,815	+32.1	104,864	74,326	+41.1						
Extrusion Grade	8,078	6,971	+15.9	38,829	35,065	+10.7						
Resellers and Compounders	2,104	1,620	+29.9	8,182	6,014	+36.0						
All Other Uses	472	511	-7.6	2,793	2,316	+20.6						

***Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MAY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	505,856	544,648	-7.1	2,925,482R	2,598,149	+12.6	551,657	556,554	-0.9	2,940,076R	2,503,643	+17.4
Homopolymer Resins Including Blending & Latex	451,557	486,188	-7.1	2,637,425R	2,321,246	+13.6	495,384	497,858	-0.5	2,641,288R	2,242,338	+17.8
Copolymer Resins Including Blending & Latex	22,904	25,038	-8.5	122,960	114,279	+7.6	21,644	23,718	-8.7	126,372R	109,355	+15.6
Dispersion Resins	31,395	33,422	-6.1	165,097	162,624	+1.5	34,629	34,978	-1.0	172,416R	151,950	+13.5
Total Exports	31,100	45,030	-30.9	183,523R	236,262	-22.3						
Total Domestic	474,756	499,618	-5.0	2,741,959R	2,361,887	+16.1						
Calendering, Total	49,212	61,847	-20.4	297,386R	288,852	+3.0						
Flooring	12,346	13,787	-10.5	68,502R	65,162	+5.1						
Textile	6,421	9,101	-29.4	44,332	39,743	+11.5						
All Other Calendering Uses	30,445	38,959	-21.9	184,552R	183,947	+0.3						
Coating, Total	28,640	32,007	-10.5	147,665R	146,546	+0.8						
Flooring	11,228	15,200	-26.1	51,994R	60,845	-14.5						
Textile & Paper Coating	10,148	8,852	+14.6	50,542	48,047	+5.2						
Protective Coatings	3,593	3,897	-7.8	19,146	18,455	+3.7						
Adhesives & All Other Coating Uses	3,671	4,058	-9.5	25,983	19,199	+35.3						
Extrusion, Total	311,116	302,061	+3.0	1,803,446R	1,474,652	+22.3						
Wire & Cable	34,301	26,549	+29.2	185,070R	146,480	+26.3						
Film & Sheet	22,274	24,049	-7.4	139,341R	124,696	+11.7						
Rigid Pipe & Tubing (Except Fittings)	200,618	209,265	-4.1	1,199,764R	978,746	+22.6						
All Other Extrusions	53,923	42,198	+27.8	279,271R	224,728	+24.3						
Molding, Total	40,160	38,809	+3.5	201,656R	176,339	+14.4						
Bottles	17,080	14,544	+17.4	83,453	59,708	+39.8						
Sound Records	6,052	7,729	-21.7	30,925	38,367	-19.4						
Fittings (Rigid Pipe & Tubing)	9,492	9,880	-3.9	52,795R	44,637	+18.3						
All Other Molding	7,536	6,656	+13.2	34,483	33,627	+2.5						
Paste Processes (Except Coating)	13,965	13,205	+5.8	75,269	69,556	+8.2						
Plastisol Formulation	7,093	8,003	-11.4	42,231	38,424	+9.9						
All Other	6,872	5,202	+32.1	33,038	31,132	+6.1						
Resellers & Compounders	11,996	20,488	-41.4	76,485R	84,479	-9.5						
All Other Uses	19,667	31,201	-37.0	140,052	121,463	+15.3						

R = Revision

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MAY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	61,427	57,718	+6.4	302,018R	278,344	+8.5						
Total Exports	293	494	-40.7	1,619R	3,031	-46.6						
Total Domestic	61,134	57,224	+6.8	300,399R	275,313	+9.1						
Emulsion Paints	18,410	18,299	+0.6	91,317R	85,648	+6.6						
Adhesives, Caulks and Sealants	24,803	22,672	+9.4	122,057R	110,766	+10.2						
Paper Treating & Paper Coating	10,485	9,316	+12.5	51,547R	47,258	+9.1						
Textile Treating	2,063	2,024	+1.9	9,857	8,126	+21.3						
Non-Woven Binders	2,689	2,765	-2.7	13,109R	12,957	+1.2						
All Other Uses	2,684	2,148	+25.0	12,512	10,558	+18.5						
POLYVINYL ALCOHOL, TOTAL #	12,537	10,532	+19.0	61,615	54,320	+13.4	14,441	12,023	+20.1	60,222	48,135	+25.1
Total Exports	2,633	1,549	+70.0	11,954	8,729	+36.9						
Total Domestic	9,904	8,983	+10.3	49,661	45,591	+8.9						
OTHER VINYL RESINS*, TOTAL	16,586	14,243	+16.5	79,810R	67,537	+18.2	14,022	15,223	-7.9	79,918R	74,007	+8.0
Total Exports	4,681	3,292	+42.2	18,864	15,435	+22.2						
Total Domestic	11,905	10,951	+8.7	60,946R	52,102	+17.0						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	74,841	66,169	+13.1	336,823	298,667	+12.8	76,585	63,511	+20.6	346,004R	293,856	+17.7
Total Exports	7,460	9,656	-22.7	38,441	30,872	+24.5						
Total Domestic	67,381	56,513	+19.2	298,382	267,795	+11.4						
PET Bottle Grades (carbonated beverage bottles)	49,918	42,515	+17.4	209,167	200,125	+4.5						
All Other Thermoplastic Polyester**	17,463	13,998	+24.8	89,215	67,670	+31.8						

**Includes All Other PET, Other Bottle grades, and All Injection Molding Grades
# = Includes imputed data

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

A8920-5

The Society of the
Plastics Industry, Inc.

SPI

MonthlyStatisticalReport-Resins

355 Lexington Avenue
New York, New York 10017
(212) 573-9400

FOR THE MONTH AND PERIOD ENDED JUNE, 1984

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

1984 ISSUE NO. 6

RELEASE DATE: AUGUST 15, 1984

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

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PART 300/400
NON-PART 400/500

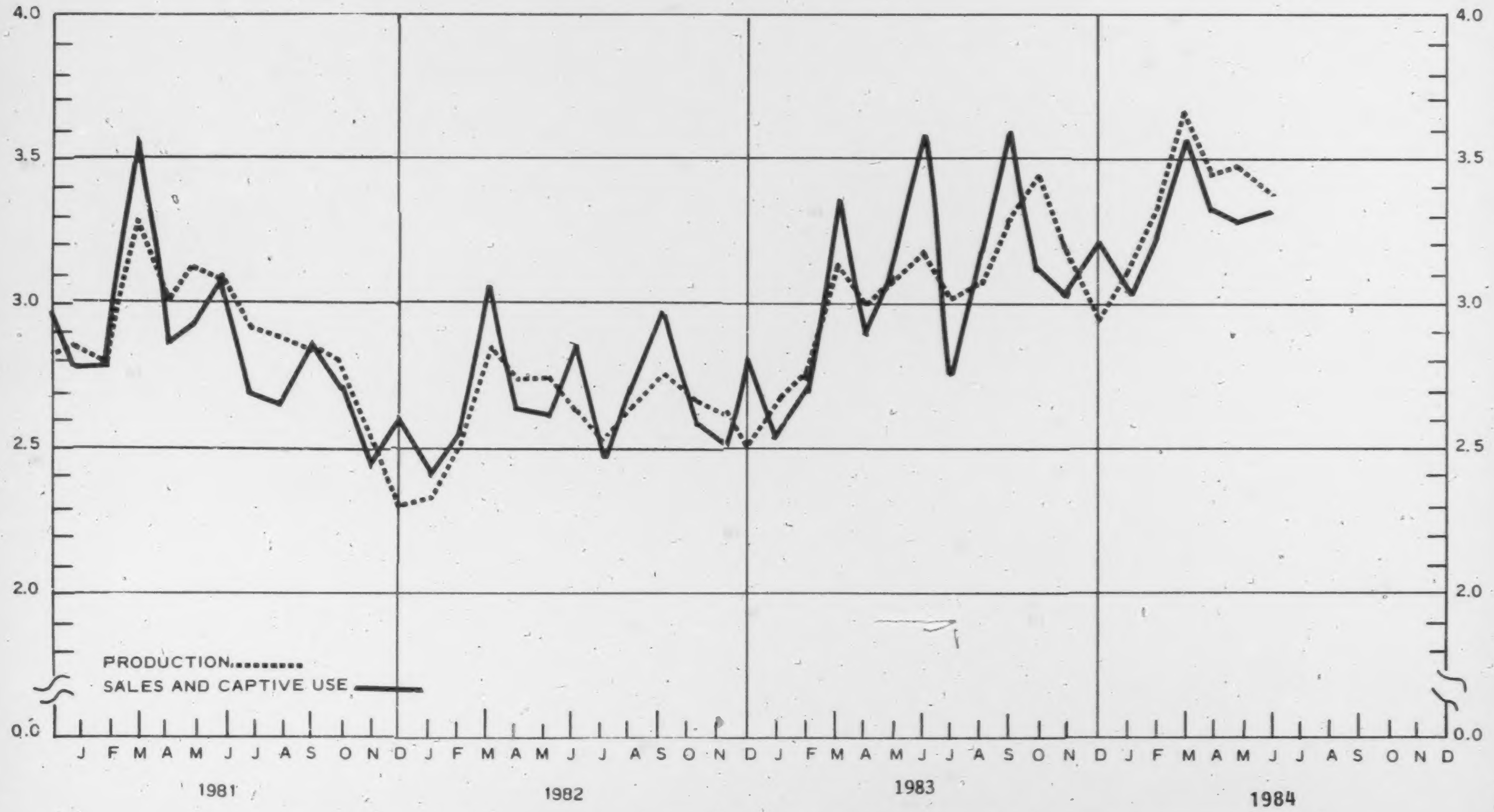
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

JUNE, 1984



COMPILED BY **ERNST & WHINNEY**, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

A8920-5A

SPI CRS

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

REVISED JUNE 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	32,917	30,634	+7.5	200,942R	158,165	+27.0	27,460	29,280	-6.2	202,680	173,529	+16.8
POLYESTER (UNSATURATED) RESINS, TOTAL	109,853	103,224	+6.5	635,818	525,102	+21.1	111,170	102,586	+8.4	642,663	529,662	+21.3
UREA RESINS, TOTAL	104,951	103,520	+1.4	616,717	579,984	+6.3	104,039	104,538	-0.5	618,511	583,536	+6.0
MELAMINE RESINS, TOTAL	16,165	15,512	+4.2	100,737	87,907	+14.6	20,087	15,892	+26.4	109,309	88,795	+23.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	207,189	220,219	-5.9	1,300,105R	1,213,161	+7.2	207,980	215,712	-3.6	1,294,212R	1,185,898	+9.1
THERMOSETTING RESINS, TOTAL	471,075	473,109	-0.4	2,854,319R	2,564,319	+11.3	470,736	468,008	+0.6	2,867,375R	2,561,420	+11.9
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	679,813	767,647	-11.4	3,998,163R	3,919,620	+2.0	715,595	641,851	+11.5	4,282,608R	3,927,606	+9.0
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	488,519	600,093	-18.6	2,870,830R	2,747,914	+4.5	506,102	506,680	-0.1	3,080,922R	2,729,668	+12.9
POLYPROPYLENE, TOTAL	440,266	403,272	+9.2	2,387,182	2,141,898	+11.5	424,992	369,911	+14.9	2,485,228	2,124,876	+17.0
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	89,496	89,286	+0.2	579,526	477,359	+21.4	89,453	83,960	+6.5	620,264R	472,827	+31.2
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	7,665	7,536	+1.7	50,468R	45,048	+12.0	7,194	7,360	-2.3	75,529R	44,570	+69.5
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	19,905	21,964	-9.4	126,137	112,127	+12.5	20,034	16,713	+19.9	135,328	108,043	+25.3
POLYSTYRENE, TOTAL	346,232	347,131	-0.3	1,921,522R	1,785,049	+7.6	347,760	314,321	+10.6	1,883,483R	1,718,140	+9.6
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	65,372	60,939	+7.3	381,626R	339,456	+12.4	62,461	61,595	+1.4	380,844R	343,808	+10.8
NYLON RESINS, TOTAL	33,344	26,776	+24.5	196,619	152,600	+28.8	35,445	26,768	+32.4	215,010	145,724	+47.5
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	506,763	660,050	-23.2	3,436,522R	3,258,199	+5.5	543,300	571,104	-4.9	3,487,653R	3,074,747	+13.4
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	61,854	66,867	-7.5	363,872	345,211	+5.4	* 61,854	* 66,867	-7.5	* 363,872	* 345,211	+5.4
POLYVINYL ALCOHOL, TOTAL #	12,095	13,027	-7.2	73,710	67,347	+9.4	14,458	11,920	+21.3	74,680	60,055	+24.4
OTHER VINYL RESINS, TOTAL	13,841	16,461	-15.9	93,651	83,998	+11.5	16,341	15,752	+3.7	96,259	89,759	+7.2
THERMOPLASTIC POLYESTER, TOTAL	76,629	67,367	+13.7	413,452	366,034	+13.0	78,567	70,542	+11.4	424,571	364,398	+16.5
THERMOPLASTIC RESINS, TOTAL	2,841,794	3,148,416	-9.7	16,893,280R	15,841,860	+6.6	2,923,556	2,765,344	+5.7	17,606,251R	15,549,432	+13.2
GRAND TOTAL	3,312,869	3,621,525	-8.5	19,747,599R	18,406,179	+7.3	3,394,292	3,233,352	+5.0	20,473,626R	18,110,852	+13.1

(1) = Except phenolic resins which are reported on a gross weight basis

(4) = Includes Styrene Butadiene Latexes
# = Includes imputed data

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In metric tons, dry weight basis)(1)

REVISED JUNE 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	14,931	13,895	+7.5	91,147R	71,743	+27.0	12,456	13,281	-6.2	91,935	78,712	+16.8
POLYESTER (UNSATURATED) RESINS, TOTAL	49,829	46,822	+6.4	288,405	238,185	+21.1	50,426	46,533	+8.4	291,510	240,253	+21.3
UREA RESINS, TOTAL	47,605	46,957	+1.4	279,741	263,080	+6.3	47,192	47,418	-0.5	280,555	264,690	+6.0
MELAMINE RESINS, TOTAL	7,332	7,036	+4.2	45,694	39,873	+14.6	9,111	7,209	+26.4	49,582	40,277	+23.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	93,981	99,891	-5.9	589,724R	550,286	+7.2	94,339	97,846	-3.6	587,051R	537,920	+9.1
THERMOSETTING RESINS, TOTAL	213,678	214,601	-0.4	1,294,711R	1,163,167	+11.3	213,524	212,287	+0.6	1,300,633R	1,161,852	+11.9
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	308,361	348,202	-11.4	1,813,555R	1,777,928	+2.0	324,592	291,142	+11.5	1,942,578R	1,781,551	+9.0
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	221,591	272,200	-18.6	1,302,200R	1,246,446	+4.5	229,566	229,829	-0.1	1,397,497R	1,238,170	+12.9
POLYPROPYLENE, TOTAL	199,703	182,923	+9.2	1,082,819	971,558	+11.5	192,775	167,791	+14.9	1,127,292	963,838	+17.0
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	40,595	40,500	+0.2	262,871	216,528	+21.4	40,576	38,084	+6.5	281,350R	214,473	+31.2
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	3,477	3,418	+1.7	22,892R	20,434	+12.0	3,263	3,338	-2.3	34,260R	20,216	+69.5
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	9,029	9,963	-9.4	57,215	50,860	+12.0	9,087	7,581	+19.9	61,384	49,008	+25.3
POLYSTYRENE, TOTAL	157,050	157,458	-0.3	871,597R	809,693	+7.6	157,743	142,575	+10.6	854,342R	779,343	+9.6
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	29,652	27,642	+7.3	173,103R	153,976	+12.4	28,332	27,939	+1.4	172,750R	155,950	+10.8
NYLON RESINS, TOTAL	15,125	12,145	+24.5	89,186	69,219	+28.8	16,078	12,142	+32.4	97,528	66,100	+47.5
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	229,866	299,397	-23.2	1,558,796R	1,477,909	+5.5	246,439	259,051	-4.9	1,581,989R	1,394,697	+13.4
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	28,057	30,331	-7.5	165,051	156,587	+5.4	* 28,057	* 30,331	-7.5	* 165,051	* 156,587	+5.4
POLYVINYL ALCOHOL, TOTAL #	5,486	5,909	-7.2	33,435	30,548	+9.4	6,558	5,407	+21.3	33,875	27,241	+24.4
OTHER VINYL RESINS, TOTAL	6,278	7,467	-15.9	42,480	38,102	+11.5	7,412	7,145	+3.7	43,663	40,714	+7.2
THERMOPLASTIC POLYESTER, TOTAL	34,759	30,557	+13.7	187,541	166,032	+13.0	35,638	31,998	+11.4	192,584	165,290	+16.5
THERMOPLASTIC RESINS, TOTAL	1,289,029	1,428,112	-9.7	7,662,741R	7,185,820	+6.6	1,326,116	1,254,353	+5.7	7,986,143R	7,053,178	+13.2
GRAND TOTAL	1,502,707	1,642,713	-8.5	8,957,452R	8,348,987	+7.3	1,539,640	1,466,640	+5.0	9,286,776R	8,215,030	+13.1

(1) = Except phenolic resins which are reported on a gross weight basis

(4) = Includes Styrene Butadiene Latexes
= Includes imputed data

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

JUNE 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	32,917	30,634	+7.5	200,942R	158,165	+27.0	27,460	29,280	-6.2	202,680	173,529	+16.8
Total Exports	1,823	4,018	-54.6	22,109	17,193	+28.6						
Total Domestic	31,094	26,616	+16.8	178,833R	140,972	+26.9						
Bonding & Adhesives	1,881	1,473	+27.7	10,248R	8,046	+27.4						
Flooring, Paving & Exposed Aggregate	1,400	2,051	-31.7	9,229R	8,822	+4.6						
Protective Coatings	14,646	10,873	+34.7	81,091R	63,182	+28.3						
Fiber Reinforced Laminates & Composites, Total	7,601	7,009	+8.4	47,672R	33,317	+43.1						
FRL&C for Printed Wiring Board	5,305	5,307	-0.0	33,976R	23,693	+43.4						
All Other FRL&C	2,296	1,702	+34.9	13,696R	9,624	+42.3						
Tooling, Casting & Molding Resins	3,096	2,308	+34.1	16,331R	13,253	+23.2						
All Other Uses	2,470	2,902	-14.9	14,262R	14,352	-0.6						
POLYESTER (UNSATURATED) RESINS, TOTAL	109,853	103,224	+6.4	635,818	525,102	+21.1	111,170	102,586	+8.4	642,663	529,662	+21.3
Total Exports	728	1,129	-35.5	4,358	5,207	-16.3						
Total Domestic	109,125	102,095	+6.9	631,460	519,895	+21.5						
General Purpose Resins, Total	98,213	91,168	+7.7	567,939	464,099	+22.4						
General Purpose — Thixotropic	44,540	45,042	-1.1	258,897	215,652	+20.1						
General Purpose — Press Molding	19,164	11,992	+59.8	103,000	65,288	+57.8						
General Purpose — All Other	34,509	34,134	+1.1	206,042	183,159	+12.5						
Flame Retardant Resins	2,208	1,875	+17.8	11,410	9,911	+15.1						
Chemical Resistant Resins	8,704	9,052	-3.8	52,111	45,885	+13.6						
Chemical Resistant Isophthalic Resins	5,892	5,739	+2.7	36,070	30,910	+16.7						
All Other Chemical Resistant Resins	2,812	3,313	-15.1	16,041	14,975	+7.1						
Reinforced Plastics, Total	84,579	79,323	+6.6	488,954	400,285	+22.2						
Non-Reinforced Plastics, Total	24,546	22,772	+7.8	142,506	119,610	+19.1						

R = Revision

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)(1)

THERMOSETTING RESINS

JUNE 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
UREA RESINS, TOTAL	104,951	103,520	+1.4	616,717	579,984	+6.3	104,039	104,538	-0.5	618,511	583,536	+6.0
MELAMINE RESINS, TOTAL	16,165	15,512	+4.2	100,737	87,907	+14.6	20,087	15,892	+26.4	109,309	88,795	+23.1
UREA & MELAMINE RESINS, TOTAL	121,116	119,032	+1.8	717,454	667,891	+7.4	124,126	120,430	+3.1	727,820	672,331	+8.3
Total Exports	D	D		D	D							
Total Domestic *	121,116	119,032	+1.8	717,454	667,891	+7.4						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	8,827	7,409	+19.1	52,143	33,492	+55.7	9,057	7,775	+16.5	53,850	43,161	+24.8
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	92,248	93,588	-1.4	540,787	502,060	+7.7	92,161	93,505	-1.4	542,631	508,483	+6.7
Laminating	3,427	3,283	+4.4	22,407	19,645	+14.1	4,413	3,403	+29.7	23,317	19,666	+18.6
Plywood	5,464	5,843	-6.5	28,981	31,216	-7.2	5,688	6,038	-5.8	30,089	32,201	-6.6
Fibrous & Granulated Wood (Particle Board)	83,357	84,462	-1.3	489,399	451,199	+8.5	82,060	84,064	-2.4	489,225	456,616	+7.1
Protective Coatings (Straight & Modified)	7,035	6,317	+11.4	43,067	38,469	+12.0	10,584	8,707	+21.6	56,422	43,554	+29.5
All Other Uses (Includes Textile Treating & Coating Resins, Molding Compounds, and Exports)	13,006	11,718	+11.0	81,457	93,870	-13.2	12,324	10,443	+18.0	74,917	77,133	-2.9
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	207,189	220,219	-5.9	1,300,105R	1,213,161	+7.2	207,980	215,712	-3.6	1,294,212R	1,185,898	+9.1
Total Exports	6,568	2,156	+204.6	16,131R	12,175	+32.5						
Total Domestic	200,621	218,063	-8.0	1,283,974R	1,200,986	+6.9						
Molding Compounds	18,962	20,218	-6.2	131,324	110,162	+19.2	25,392	23,778	+6.8	149,136	128,395	+16.2
Bonding & Adhesive Resins for:	176,833	192,974	-8.4	1,125,979R	1,066,794	+5.5	177,532	186,984	-5.1	1,116,673R	1,032,877	+8.1
Laminating	12,303	14,364	-14.3	80,343R	81,420	-1.3	10,248	11,727	-12.6	71,400R	67,767	+5.4
Coated & Bonded Abrasives	1,882	2,151	-12.5	13,448	13,610	-1.2	2,016	2,245	-10.2	13,313	13,411	-0.7
Friction Materials	3,361	2,696	+24.7	19,347R	15,227	+27.1	3,347	2,833	+18.1	19,242R	15,088	+27.5
Insulation Materials	27,546	29,885	-7.8	171,556R	158,401	+8.3	27,798	28,511	-2.5	168,963R	148,630	+13.7
Foundry & Shell Molding	7,119	6,029	+18.1	39,663	33,443	+18.6	7,578	6,334	+19.6	41,284	34,329	+20.3
Plywood	103,593	114,215	-9.3	660,446	631,466	+4.6	103,225	111,366	-7.3	653,449	618,993	+5.6
Fibrous & Granulated Wood	14,204	17,068	-16.8	94,318	93,451	+0.9	14,146	16,909	-16.3	94,434	91,887	+2.8
Resins Sold to Rubber Industry	2,231	2,207	+1.1	15,928	12,898	+23.5	3,465	2,286	+51.6	19,174	14,078	+36.2
All Other	4,594	4,359	+5.4	30,930	26,878	+15.1	5,709	4,773	+19.6	35,414	28,694	+23.4
Protective Coatings — Unmodified & Modified	1,905	1,780	+7.0	11,435	9,337	+22.5	2,035	1,727	+17.8	12,246	9,889	+23.8
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	2,921	3,091	-5.5	15,236R	14,693	+3.7	3,021	3,223	-6.3	16,157R	14,737	+9.6

(1) = Except phenolic resins which are reported on gross weight basis

* = Domestic total includes exports.

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

= Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

R = Revision

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS JUNE 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	679,813	767,647	-11.4	3,998,163R	3,919,620	+2.0	715,595	641,851	+11.5	4,282,608R	3,927,606	+9.0
Total Exports	100,076	94,408	+6.0	389,867	472,934	-17.6						
Total Domestic	579,737	673,239	-13.9	3,608,296R	3,446,686	+4.7						
Film (12 Mils & Below)	360,407	442,366	-18.5	2,237,941R	2,211,767	+1.2						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	49,978	66,488	-24.8	309,923R	324,463	-4.5						
Wire & Cable	29,673	25,812	+15.0	191,621R	153,522	+24.8						
Extrusion Coating	55,425	53,470	+3.7	331,180R	280,308	+18.1						
Blow Molding	3,571	4,074	-12.3	22,826R	19,775	+15.4						
Pipe & Conduit, Total	759	2,727	-72.2	15,620R	12,999	+20.2						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	6,945	9,731	-28.6	40,029R	41,655	-3.9						
All Other Uses	72,979	68,571	+6.4	459,156R	402,197	+14.2						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	488,519	600,093	-18.6	2,870,830R	2,747,914	+4.5	506,102	506,680	-0.1	3,080,922R	2,729,668	+12.9
Total Exports	52,890	113,140	-53.3	332,389R	475,653	-30.1						
Total Domestic	435,629	486,953	-10.5	2,538,441R	2,272,261	+11.7						
Film (12 Mils & Below)	28,395	40,830	-30.5	161,673R	183,122	-11.7						
Sheet (Over 12 Mils)	7,355	7,854	-6.4	47,235R	37,624	+25.5						
Injection Molding	97,347	133,793	-27.2	595,671R	578,867	+2.9						
Wire & Cable	10,919	9,294	+17.5	60,299R	55,825	+8.0						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	172,828	174,594	-1.0	1,024,601R	864,772	+18.5						
Pipe & Conduit, Total	41,780	54,907	-23.9	233,758R	218,399	+7.0						
Corrugated Pipe & Conduit	11,992	21,739	-44.8	68,119R	91,923	-25.9						
Non-Corrugated Pipe & Conduit	29,788	33,168	-10.2	165,639R	126,475	+31.0						
Other Extruded Products	3,407	4,329	-21.3	21,496R	19,229	+11.8						
All Other Uses	73,598	61,352	+20.0	393,708R	314,423	+25.2						

D = Disclosure
(2) = Included in Other Extruded Products
(3) = Included in Film

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS JUNE 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYPROPYLENE, TOTAL	440,266	403,272	+9.2	2,387,182	2,141,898	+11.5	424,992	369,911	+14.9	2,485,228	2,124,876	+17.0
Total Exports	82,279	76,032	+8.2	336,868	388,467	-13.3						
Total Domestic	357,987	327,240	+9.4	2,050,314	1,753,431	+16.9						
Injection Molding	116,015	107,351	+8.1	686,115	591,883	+15.9						
Appliances	11,362	7,556	+50.4	60,768	45,708	+32.9						
Consumer Products	24,540	26,091	-5.9	154,559	153,924	+0.4						
Rigid Packaging	31,836	37,034	-14.0	176,804	184,343	-4.1						
Transportation	25,019	20,807	+20.2	169,705	123,145	+37.8						
All Other Injection Molding	23,258	15,863	+46.6	124,279	84,763	+46.6						
Blow Molding	9,138	5,842	+56.4	52,597	38,097	+38.1						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	38,610	28,926	+33.5	202,060	173,038	+16.8						
Sheet (Over 10 Mils)	5,043	2,670	+88.9	27,094	13,406	+102.1						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	113,751	109,716	+3.7	674,234	577,931	+16.7						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	12,508	11,454	+9.2	56,812	55,172	+3.0						
Resellers & Compounders	49,629	44,112	+12.5	260,317	217,473	+19.7						
All Other Uses	13,293	17,169	-22.6	91,085	86,431	+5.4						

D = Disclosure

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

# = Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JUNE 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	89,496	89,286	+0.2	579,526	477,359	+21.4	89,453	83,960	+6.5	620,264R	472,827	+31.2
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	7,665	7,536	+1.7	50,468R	45,048	+12.0	7,194	7,360	-2.3	75,529R	44,570	+69.5
Total Exports	1,284	829	+54.9	6,682	4,640	+44.0						
Total Domestic	6,381	6,707	-4.9	43,786R	40,408	+8.4						
OTHER STYRENE BASED POLYMERS, TOTAL* 40% or more styrene	19,905	21,964	-9.4	126,137	112,127	+12.5	20,034	16,713	+19.9	135,328	108,043	+25.3
Total Export	D	D		D	D							
Total Domestic	19,905	21,964	-9.4	126,137	112,127	+12.5						
Molding & Extrusion	13,745	16,618	-17.3	90,263	81,662	+10.5						
Coatings	6,160	5,346	+15.2	35,874	30,465	+17.8						
POLYSTYRENE RESINS, TOTAL	346,232	347,131	-0.3	1,921,522R	1,785,049	+7.6	347,760	314,321	+10.6	1,883,483R	1,718,140	+9.6
Straight Polystyrene	180,828	186,380	-3.0	986,581R	920,498	+7.2	174,877	163,249	+7.1	974,178R	895,681	+8.8
Rubber-Modified Polystyrene	165,404	160,751	+2.9	934,941	864,551	+8.1	172,883	151,072	+14.4	909,305	822,459	+10.6
Total Exports	11,224	8,180	+37.2	50,901	41,122	+23.8						
Straight Polystyrene	5,481	3,480	+57.5	27,217	20,753	+31.1						
Rubber-Modified Polystyrene	5,743	4,700	+22.2	23,684	20,369	+16.3						
Total Domestic	335,008	338,951	-1.2	1,870,621R	1,743,927	+7.3						
Molding	129,221	137,049	-5.7	733,089	733,531	0.0						
Extrusion	131,152	113,088	+16.0	718,494	601,248	+19.5						
Expandable Polystyrene Beads	43,543	61,741	-29.5	226,966R	234,384	-3.2						
All Other Uses	31,092	27,073	+14.8	192,072	174,764	+9.9						
Polystyrene End Uses, Total**	335,008	338,951	-1.2	1,870,621R	1,743,927	+7.3						
Packaging	83,776	86,376	-3.0	478,890R	443,375	+8.0						
Disposables	50,209	39,269	+27.9	271,325R	212,969	+27.4						
Consumer and Institutional Products	49,688	51,565	-3.6	273,388	275,243	-0.7						
Electrical/Electronics	28,478	23,498	+21.2	142,052R	143,299	-0.9						
Furniture, Furnishings, Building & Construction	14,530	14,903	-2.5	87,311R	80,056	+9.1						
Expandable Polystyrene Beads	43,543	61,741	-29.5	226,966R	234,384	-3.2						
All Other End Uses	64,784	61,599	+5.2	390,689R	354,601	+10.2						

R = Revision

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

**Portions of the End Use Section are estimated.

*Exports are included in Domestic, Total and Molding & Extrusion.

SPI

CRS

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JUNE 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including butadiene latexes not carboxylated	D	D		D	D		D	D		D	D	
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL***	65,372	60,939	+7.3	381,626R	339,456	+12.4	62,461	61,595	+1.4	380,844R	343,808	+10.8
Paper Treating	1,575	2,434	-35.3	12,564	15,167	-17.2						
Textile Treating	996	1,687	-41.0	7,870	10,534	-25.3						
Carpet Backing	27,713	26,769	+3.5	161,767	145,155	+11.4						
All Other Uses (Including Exports & Paper Coating)	35,088	30,049	+16.8	199,425R	168,600	+18.3						
NYLON RESINS, TOTAL	33,344	26,776	+24.5	196,619	152,600	+28.8	35,445	26,768	+32.4	215,010	145,724	+47.5
Total Exports	2,982	2,236	+33.4	11,589	10,339	+12.1						
Total Domestic	30,362	24,540	+23.7	185,030	142,261	+30.1						
Injection Molding Grade	20,258	15,353	+31.9	125,122	89,679	+39.5						
Extrusion Grade	7,516	7,143	+5.2	46,345	42,208	+9.8						
Resellers and Compounders	2,011	1,435	+40.1	10,193	7,449	+36.8						
All Other Uses	577	609	-5.3	3,370	2,925	+15.2						

***Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

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R = Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

REVISED JUNE 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE REVISED			YEAR-TO-DATE			JUNE REVISED			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	506,763	660,050	-23.2	3,436,523R	3,258,199	+5.5	543,300	571,104	-4.9	3,487,654R	3,074,747	+13.4
Homopolymer Resins Including Blending & Latex	451,177	582,804	-22.6	3,093,232R	2,904,050	+6.5	491,176	510,322	-3.8	3,136,525R	2,752,660	+13.9
Copolymer Resins Including Blending & Latex	24,481	32,749	-25.2	147,485R	147,028	+0.3	21,900	27,436	-20.2	147,875R	136,791	+8.1
Dispersion Resins	31,105	44,497	-30.1	195,806R	207,121	-5.5	30,224	33,346	-9.4	203,254R	185,296	+9.7
Total Exports	23,279	45,255	-48.6	173,772R	281,517	-38.3						
Total Domestic	483,484	614,795	-21.4	3,262,751R	2,976,682	+9.6						
Calendering, Total	51,933	83,770	-38.0	350,265R	372,622	-6.0						
Flooring	15,555	16,822	-7.5	84,415R	81,984	+3.0						
Textile	6,888	11,828	-41.8	51,220	51,571	-0.7						
All Other Calendering Uses	29,490	55,120	-46.5	214,630R	239,067	-10.2						
Coating, Total	31,985	40,308	-20.6	180,082R	186,854	-3.6						
Flooring	14,673	19,354	-24.2	67,277R	80,199	-16.1						
Textile & Paper Coating	9,914	11,198	-11.5	60,241R	59,245	+1.7						
Protective Coatings	3,591	4,644	-22.7	22,809R	23,099	-1.3						
Adhesives & All Other Coating Uses	3,807	5,112	-25.5	29,755R	24,311	+22.4						
Extrusion, Total	303,824	378,202	-19.7	2,141,882R	1,852,854	+15.6						
Wire & Cable	31,877	34,948	-8.8	217,778R	181,428	+20.0						
Film & Sheet	24,648	32,847	-25.0	164,792R	157,545	+4.6						
Rigid Pipe & Tubing (Except Fittings)	193,580	249,809	-22.5	1,424,948R	1,228,555	+16.0						
All Other Extrusions	53,719	60,598	-11.4	334,364R	285,326	+17.2						
Molding, Total	38,595	36,427	+6.0	242,474R	212,766	+14.0						
Bottles	18,035	14,553	+23.9	101,488	74,261	+36.7						
Sound Records	4,761	5,733	-17.0	35,686	44,100	-19.1						
Fittings (Rigid Pipe & Tubing)	8,430	8,292	+1.7	63,306R	52,929	+19.6						
All Other Molding	7,369	7,849	-6.1	41,994R	41,476	+1.2						
Paste Processes (Except Coating)	15,296	17,912	-14.6	90,120R	87,468	+3.0						
Plastisol Formulation	8,590	11,685	-26.5	50,807R	50,109	+1.4						
All Other	6,706	6,227	+7.7	39,313R	37,359	+5.2						
Resellers & Compounders	13,870	22,090	-37.2	89,895R	106,569	-15.6						
All Other Uses	27,981	36,086	-22.5	168,033	157,549	+6.7						

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SPI | CRS

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JUNE 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	61.854	66,867	-7.5	363,872	345,211	+5.4						
Total Exports	297	450	-34.0	1,916	3,481	-45.0						
Total Domestic	61,557	66,417	-7.3	361,956	341,730	+5.9						
Emulsion Paints	17,717	23,200	-23.6	109,034	108,848	+0.2						
Adhesives, Caulks and Sealants	25,608	25,165	+1.8	147,665	135,931	+8.6						
Paper Treating & Paper Coating	10,618	10,114	+5.0	62,165	57,372	+8.4						
Textile Treating	2,413	2,870	-15.9	12,270	10,996	+11.6						
Non-Woven Binders	2,833	2,651	+6.9	15,942	15,608	+2.1						
All Other Uses	2,368	2,417	-2.0	14,880	12,975	+14.7						
POLYVINYL ALCOHOL, TOTAL #	12,095	13,027	-7.2	73,710	67,347	+9.4	14,458	11,920	+21.3	74,680	60,055	+24.4
Total Exports	2,646	2,739	-3.4	14,600	11,468	+27.3						
Total Domestic	9,449	10,288	-8.2	59,110	55,879	+5.8						
OTHER VINYL RESINS*, TOTAL	13,841	16,461	-15.9	93,651	83,998	+11.5	16,341	15,752	+3.7	96,259	89,759	+7.2
Total Exports	2,888	3,420	-15.6	21,752	18,855	+15.4						
Total Domestic	10,953	13,041	-16.0	71,899	65,143	+10.4						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	76,629	67,367	+13.7	413,452	366,034	+13.0	78,567	70,542	+11.4	424,571	364,398	+16.5
Total Exports	5,626	9,593	-41.4	44,067	40,465	+8.9						
Total Domestic	71,003	57,774	+22.9	369,385	325,569	+13.5						
PET Bottle Grades (Carbonated Bottles)	52,226	43,322	+20.6	261,393	243,447	+7.4						
All Other Thermoplastic Polyester**	18,777	14,452	+29.9	107,992	82,122	+31.5						

**Includes All Other PET, Other Bottle grades, and All Injection Molding Grades

# = Includes imputed data

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

Ernst & Whinney

153 East 53rd Street
New York, New York 10022

212/888-9100

August 15, 1984

To: Participants in and Subscribers to the SPI's Monthly Resin Report

Beginning with the SPI's June Monthly Resin Report, imports are included in the PVC Sales figures. To avoid an apparent decrease in inventory, a production figure equal to the monthly imports has been added to the total production figure. The inclusion of imports is noted on the PVC and totals pages, and, if in the future, other resins are to include import data, it will be so noted.

Sincerely yours,

Valerie J. Gould
Statistical Services
Department

VJG:mm

A 8920-5

The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

355 Lexington Avenue
New York, New York 10017
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FOR THE MONTH AND PERIOD ENDED JULY, 1984

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

1984 ISSUE NO. 7

RELEASE DATE: SEPTEMBER 21, 1984

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

**SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY**

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The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

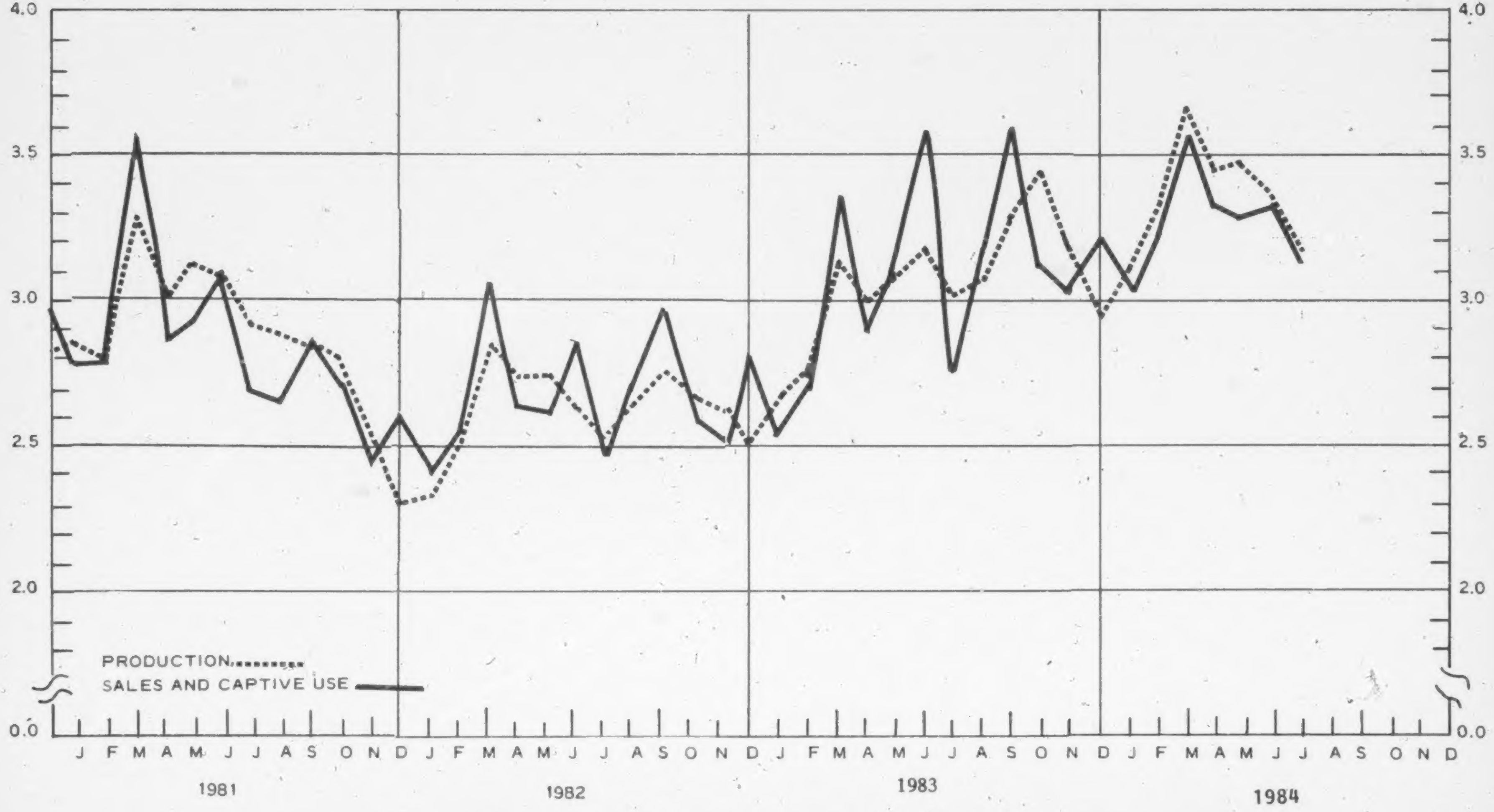
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

JULY, 1984



COMPILED BY **ERNST & WHINNEY**, NEW YORK, N. Y. FOR **SPI'S COMMITTEE ON RESIN STATISTICS (CRS).**

SPI

SECTION I

CRS

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

JULY 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	30,164	25,820	+16.8	231,106R	183,985	+25.6	36,601	23,286	+57.2	239,281	196,815	+21.6
POLYESTER (UNSATURATED) RESINS, TOTAL	101,281	81,911	+23.6	738,109R	607,013	+21.6	102,757	86,655	+18.6	746,430R	616,317	+21.1
UREA RESINS, TOTAL	74,807	92,793	-19.4	687,823R	672,777	+2.2	74,226	92,850	-20.1	694,196R	676,386	+2.6
MELAMINE RESINS, TOTAL	17,004	13,627	+24.8	117,777R	101,534	+16.0	15,064	14,449	+4.3	124,364R	103,244	+20.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	208,820	210,007	-0.6	1,509,304R	1,423,168	+6.1	200,665	203,809	-1.5	1,493,467R	1,389,707	+7.5
THERMOSETTING RESINS, TOTAL	432,076	424,158	+1.9	3,284,119R	2,988,477	+9.9	429,313	421,049	+2.0	3,297,738R	2,982,469	+10.6
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	676,002	588,903	+14.8	4,676,110R	4,508,523	+3.7	678,286	677,277	+0.1	4,960,894	4,604,883	+7.7
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	483,607	446,264	+8.4	3,354,476R	3,194,178	+5.0	517,146	505,460	+2.3	3,598,068	3,235,128	+11.2
POLYPROPYLENE, TOTAL	379,001	324,652	+16.7	2,766,183	2,466,550	+12.1	409,067	368,891	+10.9	2,894,295	2,493,767	+16.1
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	79,563	79,311	+0.3	659,089	556,670	+18.4	78,367	69,165	+13.3	689,138R	541,992	+27.1
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	6,708	6,930	-3.2	57,005R	51,978	+9.7	7,604	8,615	-11.7	71,815R	53,185	+35.0
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	19,719	15,821	+24.6	145,856	127,948	+14.0	15,211	15,353	-0.9	150,539	123,396	+22.0
POLYSTYRENE, TOTAL	310,104	263,445	+17.7	2,232,058R	2,048,494	+9.0	323,203	283,467	+14.0	2,207,118R	2,001,607	+10.3
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	55,596	53,205	+4.5	435,909R	392,661	+11.0	55,559	52,121	+6.6	434,311R	395,929	+9.7
NYLON RESINS, TOTAL	30,612	25,812	+18.6	227,231	178,412	+27.4	30,134	23,450	+28.5	245,437R	169,174	+45.1
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	471,549	436,752	+8.0	3,908,072R	3,694,951	+5.8	443,841	527,596	-15.9	3,931,495R	3,602,343	+9.1
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	55,232	53,067	+4.1	419,133R	398,278	+5.2	* 55,232	* 53,067	+4.1	* 419,133R	* 398,278	+5.2
POLYVINYL ALCOHOL, TOTAL #	11,224	11,146	+0.7	84,934	78,493	+8.2	13,752	14,325	-4.0	88,432	74,380	+18.9
OTHER VINYL RESINS, TOTAL	15,952	13,537	+17.8	109,511R	97,535	+12.3	13,870	13,331	+4.0	110,040R	103,090	+6.7
THERMOPLASTIC POLYESTER, TOTAL	78,688	65,061	+20.9	492,140	431,095	+14.2	83,970	70,869	+18.5	508,541	435,267	+16.8
THERMOPLASTIC RESINS, TOTAL	2,673,557	2,383,906	+12.2	19,567,707R	18,225,766	+7.4	2,725,242	2,682,987	+1.6	20,309,256R	18,232,419	+11.4
GRAND TOTAL	3,105,633	2,808,064	+10.6	22,851,826R	21,214,243	+7.7	3,154,555	3,104,036	+1.6	23,606,994R	21,214,888	+11.3

(1) = Except phenolic resins which are reported on a gross weight basis

(4) = Includes Styrene Butadiene Latexes
= Includes imputed data

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In metric tons, dry weight basis)(1)

JULY 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	13,682	11,712	+16.8	104,829R	83,455	+25.6	16,602	10,562	+57.2	108,537	89,274	+21.6
POLYESTER (UNSATURATED) RESINS, TOTAL	45,941	37,155	+23.6	334,804R	275,339	+21.6	46,610	39,306	+18.6	338,578R	279,560	+21.1
UREA RESINS, TOTAL	33,932	42,091	-19.4	311,995R	305,170	+2.2	33,669	42,116	-20.1	314,885R	306,807	+2.6
MELAMINE RESINS, TOTAL	7,713	6,181	+24.8	53,423R	46,056	+16.0	6,833	6,555	+4.3	56,412R	46,831	+20.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	94,720	95,259	-0.6	684,616R	645,544	+6.1	91,021	92,448	-1.5	677,432R	630,367	+7.5
THERMOSETTING RESINS, TOTAL	195,988	192,398	+1.9	1,489,667R	1,355,564	+9.9	194,735	190,987	+2.0	1,495,844R	1,352,839	+10.6
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	306,632	267,125	+14.8	2,121,070R	2,045,053	+3.7	307,669	307,210	+0.1	2,250,247	2,088,761	+7.7
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	219,363	202,424	+8.4	1,521,580R	1,448,870	+5.0	234,576	229,275	+2.3	1,632,073	1,467,444	+11.2
POLYPROPYLENE, TOTAL	171,914	147,261	+16.7	1,254,732	1,118,820	+12.1	185,552	167,328	+10.9	1,312,844	1,131,165	+16.1
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	36,089	35,975	+0.3	298,961	252,504	+18.4	35,547	31,373	+13.3	312,591R	245,846	+27.1
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	3,042	3,143	-3.2	25,857	23,577	+9.7	3,449	3,908	-11.7	32,575R	24,125	+35.0
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	8,945	7,176	+24.6	66,160	58,037	+14.0	6,900	6,964	-0.9	68,285	55,972	+22.0
POLYSTYRENE, TOTAL	140,662	119,498	+17.7	1,012,455	929,191	+9.0	146,603	128,580	+14.0	1,001,142	907,922	+10.3
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	25,218	24,134	+4.5	197,727	178,110	+11.0	25,201	23,642	+6.6	197,002R	179,592	+9.7
NYLON RESINS, TOTAL	13,886	11,708	+18.6	103,071	80,927	+27.4	13,669	10,637	+28.5	111,329R	76,737	+45.1
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	213,893	198,109	+8.0	1,772,690	1,676,019	+5.8	201,326	239,316	-15.9	1,783,314R	1,634,012	+9.1
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	25,053	24,071	+4.1	190,117R	180,658	+5.2	* 25,053	* 24,071	+4.1	* 190,117R	* 180,658	+5.2
POLYVINYL ALCOHOL, TOTAL #	5,091	5,056	+0.7	38,526	35,604	+8.2	6,238	6,498	-4.0	40,112	33,738	+18.9
OTHER VINYL RESINS, TOTAL	7,236	6,140	+17.8	49,674R	44,242	+12.3	6,291	6,047	+4.0	49,914R	46,762	+6.7
THERMOPLASTIC POLYESTER, TOTAL	35,693	29,511	+20.9	223,233	195,542	+14.2	38,088	32,146	+18.5	230,673	197,436	+16.8
THERMOPLASTIC RESINS, TOTAL	1,212,717	1,081,331	+12.2	8,875,853R	8,267,154	+7.4	1,236,162	1,216,995	+1.6	9,212,218R	8,270,170	+11.4
GRAND TOTAL	1,408,705	1,273,729	+10.6	10,365,520R	9,622,718	+7.7	1,430,897	1,407,982	+1.6	10,708,062R	9,623,009	+11.3

(1) = Except phenolic resins which are reported on a gross weight basis

(4) = Includes Styrene Butadiene Latexes
# = Includes imputed data

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*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

JULY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	30,164	25,820	+16.8	231,106R	183,985	+25.6	36,601	23,286	+57.2	239,281	196,815	+21.6
Total Exports	3,183	2,526	+26.0	25,292	19,719	+28.3						
Total Domestic	26,981	23,294	+15.8	205,814R	164,266	+25.3						
Bonding & Adhesives	1,643	1,270	+29.4	11,891R	9,316	+27.6						
Flooring, Paving & Exposed Aggregate	1,325	1,345	-1.5	10,554R	10,167	+3.8						
Protective Coatings	11,930	10,675	+11.8	93,021R	73,857	+25.9						
Fiber Reinforced Laminates & Composites, Total	6,844	5,026	+36.2	54,516R	38,343	+42.2						
FRL&C for Printed Wiring Board	4,862	3,899	+24.7	38,838R	27,592	+40.8						
All Other FRL&C	1,982	1,127	+75.9	15,678R	10,751	+45.8						
Tooling, Casting & Molding Resins	2,502	2,094	+19.5	18,833	15,347	+22.7						
All Other Uses	2,737	2,884	-5.1	16,999R	17,236	-1.4						
POLYESTER (UNSATURATED) RESINS, TOTAL	101,281	81,911	+23.6	738,109R	607,013	+21.6	102,757	86,655	+18.6	746,430R	616,317	+21.1
Total Exports	736	900	-18.2	5,015R	6,107	-17.9						
Total Domestic	100,545	81,011	+24.1	733,094R	600,906	+22.0						
General Purpose Resins, Total	90,593	72,292	+25.3	659,535R	536,391	+23.0						
General Purpose — Thixotropic	40,094	35,586	+12.7	300,015R	251,238	+19.4						
General Purpose — Press Molding	14,211	10,372	+37.0	113,164R	75,660	+49.6						
General Purpose — All Other	36,288	26,334	+37.8	246,356R	209,493	+17.6						
Flame Retardant Resins	1,494	1,245	+20.0	12,904	11,156	+15.7						
Chemical Resistant Resins	8,458	7,474	+13.2	60,655R	53,359	+13.7						
Chemical Resistant Isophthalic Resins	5,791	5,188	+11.6	41,947R	36,098	+16.2						
All Other Chemical Resistant Resins	2,667	2,286	+16.7	18,708	17,261	+8.4						
Reinforced Plastics, Total	76,242	62,995	+21.0	564,194R	463,280	+21.8						
Non-Reinforced Plastics, Total	24,303	18,016	+34.9	168,900R	137,626	+22.7						

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

THERMOSETTING RESINS

JULY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
UREA RESINS, TOTAL	74,807	92,793	-19.4	687,823R	672,777	+2.2	74,226	92,850	-20.1	694,196R	676,386	+2.6
MELAMINE RESINS, TOTAL	17,004	13,627	+24.8	117,777R	101,534	+16.0	15,064	14,449	+4.3	124,364R	103,244	+20.5
UREA & MELAMINE RESINS, TOTAL	91,811	106,420	-13.7	805,600R	774,311	+4.0	89,290	107,299	-16.8	818,560R	779,630	+5.0
Total Exports	D	D		D	D							
Total Domestic *	91,811	106,420	-13.7	805,600R	774,311	+4.0						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	7,801	7,001	+11.4	59,619R	40,493	+47.2	8,377	6,883	+21.7	62,660R	50,044	+25.2
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	63,448	82,574	-23.2	600,980R	584,634	+2.8	62,989	82,426	-23.6	606,548R	590,909	+2.6
Laminating	3,182	3,199	-0.5	25,589	22,844	+12.0	3,322	3,201	+3.8	26,639	22,867	+16.5
Plywood	4,803	4,779	+0.5	33,655R	35,995	-6.5	4,553	4,490	+1.4	34,741R	36,691	-5.3
Fibrous & Granulated Wood (Particle Board)	55,463	74,596	-25.6	541,736R	525,795	+3.0	55,114	74,735	-26.3	545,168R	531,351	+2.6
Protective Coatings (Straight & Modified)	7,349	4,850	+51.5	50,354R	43,319	+16.2	7,049	7,022	+0.4	63,569R	50,576	+25.7
All Other Uses (Includes Textile Treating & Coating Resins, Molding Compounds, and Exports)	13,213	11,995	+10.2	94,647R	105,865	-10.6	10,875	10,968	-0.8	85,783R	88,101	+2.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	208,820	210,007	-0.6	1,509,304R	1,423,168	+6.1	200,665	203,809	-1.5	1,493,467R	1,389,707	+7.5
Total Exports	5,760	1,606	+258.7	21,750R	13,781	+57.8						
Total Domestic	203,060	208,401	-2.6	1,487,554R	1,409,387	+5.5						
Molding Compounds	16,439	15,714	+4.6	148,288R	125,876	+17.8	15,029	16,142	-6.9	163,990R	144,537	+13.5
Bonding & Adhesive Resins for:	181,942	188,650	-3.6	1,307,917R	1,255,444	+4.2	180,917	184,057	-1.7	1,296,109R	1,216,934	+6.5
Laminating	11,980	14,245	-15.9	91,710R	95,665	-4.1	10,263	12,220	-16.0	79,467R	79,987	-0.7
Coated & Borded Abrasives	1,390	1,988	-30.1	14,691R	15,598	-5.8	1,489	1,835	-18.9	14,613R	15,246	-4.2
Friction Materials	2,904	2,098	+38.4	22,244R	17,325	+28.4	2,654	1,912	+38.8	21,909R	17,000	+28.9
Insulation Materials	22,716	26,508	-14.3	194,265R	184,909	+5.1	22,688	25,710	-11.8	191,679R	174,340	+9.9
Foundry & Shell Molding	7,086	5,182	+36.7	46,846R	38,625	+21.3	7,200	5,344	+34.7	48,436R	39,673	+22.1
Plywood	113,656	116,489	-2.4	773,997R	747,955	+3.5	114,492	115,746	-1.1	768,406R	734,739	+4.6
Fibrous & Granulated Wood	15,370	15,926	-3.5	110,216R	109,377	+0.8	15,152	15,012	+0.9	110,333R	106,899	+3.2
Resins Sold to Rubber Industry	2,281	1,677	+36.0	18,454R	14,575	+26.6	1,979	1,837	+7.7	20,815R	15,915	+30.8
All Other	4,559	4,537	+0.5	35,494R	31,415	+13.0	5,000	4,441	+12.6	40,451R	33,135	+22.1
Protective Coatings — Unmodified & Modified	1,764	1,403	+25.7	13,198R	10,740	+22.9	2,326	1,142	+103.7	14,818R	11,031	+34.3
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	2,915	2,634	+10.7	18,151	17,327	+4.8	2,393	2,468	-3.0	18,550	17,205	+7.8

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

= Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JULY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	676,002	588,903	+14.8	4,676,110R	4,508,523	+3.7	678,286	677,277	+0.1	4,960,894	4,604,863	+7.7
Total Exports	103,323	82,823	+24.8	493,191R	555,757	-11.3						
Total Domestic	572,679	506,080	+13.2	4,182,919R	3,952,766	+5.8						
Film (12 Mils & Below)	354,362	329,569	+7.5	2,597,062R	2,541,336	+2.2						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	50,900	47,081	+8.1	362,112R	371,544	-2.5						
Wire & Cable	30,201	22,813	+32.4	221,120R	176,335	+25.4						
Extrusion Coating	47,345	40,744	+16.2	378,525	321,052	+17.9						
Blow Molding	4,777	3,385	+41.1	27,614R	23,160	+19.2						
Pipe & Conduit, Total	2,002	1,776	+12.7	17,806R	14,775	+20.5						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	6,710	8,091	-17.1	46,250R	49,746	-7.0						
All Other Uses	76,382	52,621	+45.2	532,430R	454,818	+17.1						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	483,607	446,264	+8.4	3,354,476R	3,194,178	+5.0	517,146	505,460	+2.3	3,598,068	3,235,128	+11.2
Total Exports	60,336	104,401	-42.2	392,725	580,054	-32.3						
Total Domestic	423,271	341,863	+23.8	2,961,751R	2,614,124	+13.3						
Film (12 Mils & Below)	29,742	33,320	-10.7	196,257R	216,442	-9.3						
Sheet (Over 12 Mils)	10,871	4,522	+140.4	61,398R	42,146	+45.7						
Injection Molding	100,856	77,367	+30.4	695,897R	656,234	+6.0						
Wire & Cable	9,583	8,276	+15.8	70,499R	64,101	+10.0						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	168,268	134,156	+25.4	1,189,577R	998,928	+19.1						
Pipe & Conduit, Total	35,567	41,785	-14.9	270,817R	260,184	+4.1						
Corrugated Pipe & Conduit	9,572	19,414	-50.7	77,691	111,337	-30.2						
Non-Corrugated Pipe & Conduit	25,995	22,371	+16.2	193,126R	148,847	+29.7						
Other Extruded Products	2,462	2,484	-0.9	23,958	21,713	+10.3						
All Other Uses	65,922	39,953	+65.0	453,348R	354,376	+27.9						

D = Disclosure
(2) = Included in Other Extruded Products
(3) = Included in Film

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

JULY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYPROPYLENE, TOTAL	379,001	324,652	+16.7	2,766,183	2,466,550	+12.1	409,067	368,891	+10.9	2,894,295	2,493,767	+16.1
Total Exports	65,985	70,614	-6.6	402,853	459,081	-12.2						
Total Domestic	313,016	254,038	+23.2	2,363,330	2,007,469	+17.7						
Injection Molding	101,142	86,550	+16.9	787,257	678,433	+16.0						
Appliances	8,695	6,678	+30.2	69,463	52,386	+32.6						
Consumer Products	23,983	20,416	+17.5	178,542	174,340	+2.4						
Rigid Packaging	28,429	23,835	+19.3	209,830R	208,178	+0.8						
Transportation	25,642	22,398	+14.5	195,347	145,543	+34.2						
All Other Injection Molding	14,393	13,223	+8.8	134,075R	97,986	+36.8						
Blow Molding	7,731	6,765	+14.3	60,328	44,862	+34.5						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	34,901	27,931	+25.0	236,961	200,969	+17.9						
Sheet (Over 10 Mils)	4,015	1,652	+143.0	31,109	15,058	+106.6						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	101,894	80,556	+26.5	776,128	658,487	+17.9						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	11,610	6,825	+70.1	68,422	61,997	+10.4						
Resellers & Compounders	29,106	29,722	-2.1	295,505R	247,195	+19.5						
All Other Uses	22,617	14,037	+61.1	107,620R	100,468	+7.1						

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

R = Revision

D = Disclosure

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
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THERMOPLASTIC RESINS

JULY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	79,563	79,311	+0.3	659,089	556,670	+18.4	78,367	69,165	+13.3	689,138R	541,992	+27.1
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	6,708	6,930	-3.2	57,005R	51,978	+9.7	7,604	8,615	-11.7	71,815R	53,185	+35.0
Total Exports	1,127	1,254	-10.1	7,809	5,894	+32.5						
Total Domestic	5,581	5,676	-1.7	49,196R	46,084	+6.8						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	19,719	15,821	+24.6	145,856	127,948	+14.0	15,211	15,353	-0.9	150,539	123,396	+22.0
Total Export	D	D		D	D							
Total Domestic	19,719	15,821	+24.6	145,856	127,948	+14.0						
Molding & Extrusion	13,962	11,310	+23.4	104,225	92,972	+12.1						
Coatings	5,757	4,511	+27.6	41,631	34,976	+19.0						
POLYSTYRENE RESINS, TOTAL	310,104	263,445	+17.7	2,232,058R	2,048,494	+9.0	323,203	283,467	+14.0	2,207,118R	2,001,607	+10.3
Straight Polystyrene	163,008	135,547	+20.3	1,150,021R	1,056,045	+8.9	164,280	146,852	+11.9	1,138,890R	1,042,533	+9.2
Rubber-Modified Polystyrene	147,096	127,898	+15.0	1,082,037	992,449	+9.0	158,923	136,615	+16.3	1,068,228	959,074	+11.4
Total Exports	8,550	7,426	+15.1	59,451	48,548	+22.5						
Straight Polystyrene	5,985	3,719	+60.9	33,202	24,472	+35.7						
Rubber-Modified Polystyrene	2,565	3,707	-30.8	26,249	24,076	+9.0						
Total Domestic	301,554	256,019	+17.8	2,172,607R	1,999,946	+8.6						
Molding	111,431	111,188	+0.2	844,520	844,719	0.0						
Extrusion	116,426	97,544	+19.4	834,920	698,792	+19.5						
Expandable Polystyrene Beads	42,245	22,065	+91.5	269,643R	256,449	+5.1						
All Other Uses	31,452	25,222	+24.7	223,524	199,986	+11.8						
Polystyrene End Uses, Total**	301,554	256,019	+17.8	2,172,607R	1,999,946	+8.6						
Packaging	76,107	66,292	+14.8	554,997	509,667	+8.9						
Disposables	41,812	38,703	+8.0	313,137	251,672	+24.4						
Consumer and Institutional Products	44,312	45,311	-2.2	317,700	320,554	-0.9						
Electrical/Electronics	24,639	16,345	+50.7	166,691	159,644	+4.4						
Furniture, Furnishings, Building & Construction	15,864	12,407	+27.9	103,175	92,463	+11.6						
Expandable Polystyrene Beads	42,245	22,065	+91.5	269,643R	256,449	+5.1						
All Other End Uses	56,575	54,896	+3.1	447,264	409,497	+9.2						

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**Portions of the End Use Section are estimated.
Exports are included in Domestic, Total and Molding & Extrusion.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JULY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including butadiene latexes not carboxylated	D	D		D	D		D	D		D	D	
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL***	55,596	53,205	+4.5	435,909R	392,661	+11.0	55,559	52,121	+6.6	434,311R	395,929	+9.7
Paper Treating	1,331	1,618	-17.7	14,253R	16,785	-15.1						
Textile Treating	1,009	1,190	-15.2	8,792	11,724	-25.0						
Carpet Backing	23,228	20,544	+13.1	184,617R	165,699	+11.4						
All Other Uses (Including Exports & Paper Coating)	30,028	29,853	+0.6	228,247R	198,453	+15.0						
NYLON RESINS, TOTAL	30,612	25,812	+18.6	227,231	178,412	+27.4	30,134	23,450	+28.5	245,437R	169,174	+45.1
Total Exports	2,833	2,569	+10.3	14,422	12,908	+11.7						
Total Domestic	27,779	23,243	+19.5	212,809	165,504	+28.6						
Injection Molding Grade	17,779	15,011	+18.4	142,901	104,690	+36.5						
Extrusion Grade	7,817	6,208	+25.9	54,162	48,416	+11.9						
Resellers and Compounders	1,669	1,628	+2.5	11,862	9,077	+30.7						
All Other Uses	514	396	+29.8	3,884	3,321	+17.0						

***Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
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THERMOPLASTIC RESINS

JULY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	471,549	436,752	+8.0	3,908,072R	3,694,951	+5.8	443,841	527,596	-15.9	3,931,495R	3,602,343	+9.1
Homopolymer Resins Including Blending & Latex	424,090	397,425	+6.7	3,517,322R	3,301,475	+6.5	393,434	486,580	-19.1	3,529,959R	3,239,240	+9.0
Copolymer Resins Including Blending & Latex	20,369	16,112	+26.4	167,854R	163,140	+2.9	23,604	14,958	+57.8	171,479R	151,749	+13.0
Dispersion Resins	27,090	23,215	+16.7	222,896R	230,336	-3.2	26,803	26,058	+2.9	230,057R	211,354	+8.8
Total Exports	16,951	32,220	-47.4	190,723R	313,737	-39.2						
Total Domestic	454,598	404,532	+12.4	3,717,349R	3,381,214	+9.9						
Calendering, Total	50,839	35,715	+42.3	401,104R	408,337	-1.8						
Flooring	12,571	8,955	+40.4	96,986R	90,939	+6.6						
Textile	7,857	7,780	+1.0	59,077	59,351	-0.5						
All Other Calendering Uses	30,411	18,980	+60.2	245,041R	258,047	-5.0						
Coating, Total	24,614	22,084	+11.5	204,696R	208,938	-2.0						
Flooring	9,613	8,763	+9.7	76,890R	88,962	-13.6						
Textile & Paper Coating	7,910	7,463	+6.0	68,151R	66,708	+2.2						
Protective Coatings	2,970	2,866	+3.6	25,779R	25,965	-0.7						
Adhesives & All Other Coating Uses	4,121	2,992	+37.7	33,876R	27,303	+24.1						
Extrusion, Total	289,160	281,562	+2.7	2,431,042R	2,134,416	+13.9						
Wire & Cable	25,958	17,143	+51.4	243,736R	198,571	+22.7						
Film & Sheet	21,419	20,855	+2.7	186,211R	178,400	+4.4						
Rigid Pipe & Tubing (Except Fittings)	185,875	204,540	-9.1	1,610,823R	1,433,095	+12.4						
All Other Extrusions	55,908	39,024	+43.3	390,272R	324,350	+20.3						
Molding, Total	34,589	28,332	+22.1	277,063R	241,098	+14.9						
Bottles	15,617	11,471	+36.1	117,105	85,732	+36.6						
Sound Records	5,891	3,686	+59.8	41,577	47,786	-13.0						
Fittings (Rigid Pipe & Tubing)	7,463	8,967	-16.8	70,769R	61,896	+14.3						
All Other Molding	5,618	4,208	+33.5	47,612R	45,684	+4.2						
Paste Processes (Except Coating)	13,980	10,430	+34.0	104,100R	97,898	+6.3						
Plastisol Formulation	8,543	6,600	+29.4	59,350R	56,709	+4.7						
All Other	5,437	3,830	+42.0	44,750R	41,189	+8.6						
Resellers & Compounders	11,618	12,476	-6.9	101,513R	119,045	-14.7						
All Other Uses	29,798	13,933	+113.9	197,831	171,482	+15.4						

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SECTION I

MONTHLY STATISTICAL REPORT

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THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

JULY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	55,232	53,067	+4.1	419,133R	398,278	+5.2						
Total Exports	275	447	-38.5	2,191	3,928	-44.2						
Total Domestic	54,957	52,620	+4.4	416,942R	394,350	+5.7						
Emulsion Paints	16,534	16,318	+1.3	125,784R	125,166	+0.5						
Adhesives, Caulks and Sealants	22,151	21,616	+2.5	169,169R	157,547	+7.4						
Paper Treating & Paper Coating	8,811	8,453	+4.2	71,436R	65,825	+8.5						
Textile Treating	2,169	2,189	-0.9	14,439	13,185	+9.5						
Non-Woven Binders	2,693	2,369	+13.7	18,635	17,977	+3.7						
All Other Uses	2,599	1,675	+55.2	17,479	14,650	+19.3						
POLYVINYL ALCOHOL, TOTAL #	11,224	11,146	+0.7	84,934	78,493	+8.2	13,752	14,325	-4.0	88,432	74,380	+18.9
Total Exports	1,931	1,926	+0.3	16,531	13,394	+23.4						
Total Domestic	9,293	9,220	+0.8	68,403	65,099	+5.1						
OTHER VINYL RESINS*, TOTAL	15,952	13,537	+17.8	109,511R	97,535	+12.3	13,870	13,331	+4.0	110,040R	103,090	+6.7
Total Exports	3,739	2,798	+33.6	25,469R	21,653	+17.6						
Total Domestic	12,213	10,739	+13.7	84,042R	75,882	+10.8						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	78,688	65,061	+20.9	492,140	431,095	+14.2	83,970	70,869	+18.5	508,541	435,267	+16.8
Total Exports	9,682	8,440	+14.7	53,749	48,905	+9.9						
Total Domestic	69,006	56,621	+21.9	438,391	382,190	+14.7						
PET Bottle Grades (Carbonated Bottles)	49,445	41,853	+18.1	310,838	285,300	+9.0						
All Other Thermoplastic Polyester**	19,561	14,768	+32.5	127,553	96,890	+31.6						

**Includes All Other PET, Other Bottle Grades, and All Injection Molding Grades

= Includes imputed data

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SECTION I

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS	
EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS)	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS

CATEGORY	CODE
Production	P
Domestic Sales	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																			
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ACME RESINS					PDE															
ADVANCE COATINGS		PD																		
A & E PLASTICS											PDE									
AIR PRODUCTS & CHEMICALS																PDE	DE	PDE		
ALLIED CORPORATION							PDE								PDE					
ALPHA CHEMICAL CORPORATION		PDE																		
AMERICAN CYANAMID COMPANY			PDE	PDE																
AMERICAN HOECHST CORP.- PLASTICS DIVISION							PDE				PDE									
AMERICAN HOECHST CORP.- SOU-TEX DIVISION				PD	PD															
AMETEK, HAVEG DIVISION					PD															
AMERICAN SYNTHETIC RUBBER												PD								
AMOCO CHEMICAL CORPORATION							PDE	PDE			PDE									
ANDERSON DEVELOPMENT CO.														PD						
ARCO CHEMICAL								PDE			PDE			PDE						
ASHLAND CHEMICAL COMPANY		PDE			PDE															
AZS CORPORATION		PD																		
BADISCHE CORPORATION															PD					
BASF WYANDOTTE											PD									
BELDING CHEMICAL INDUSTRIES															PD					

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
BENDIX CORPORATION					PD															
BORDEN CHEMICAL COMPANY			PDE	PD	PDE											PDE	D			
BORG-WARNER CHEMICALS, INC.									PDE	PD										
CARGILL, INC.		PD																		
CELANESE CHEMICAL COMPANY																	D			
CELANESE ENGINEERING RESINS	PDE		PD	PD											PDE					PDE
CERTAIN-TEED PRODUCTS CORP.																PD				
CHEMBOND CORPORATION			PD	PD	PDE															
CHEMPLEX COMPANY						PDE	PDE													
CIBA-GEIGY CORP.	PDE																			
COOK PAINT & VARNISH COMPANY		PD																		
COSDEN OIL & CHEMICAL COMPANY											PDE									
CUSTOM RESINS, INC.															PD					
DAN RIVER, INC.			PD																	
DOW CHEMICAL U.S.A.	PDE	PDE				PDE	PDE		PDE	PDE	PDE	PD	PD	PDE					PDE	
E.I. DU PONT DE NEMOURS AND COMPANY						PDE	PDE							PD	PDE			PDE	PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE		PDE												PDE
EL PASO CHEMICAL						PDE		PDE												

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
EXXON CHEMICAL, AMERICAS						PDE	PDE	PDE												
FIRESTONE SYNTHETIC RUBBER & LATEX														PD						
FORMICA CORPORATION				PD	D															
FORMOSA PLASTICS CORPORATION																PD				
FREEMAN CHEMICAL CORPORATION		PD																		
H.B. FULLER COMPANY																	DE			
GAF CORPORATION																				PDE
PLASTICS DEPARTMENT GENERAL ELECTRIC COMPANY																				PDE
GENERAL TIRE & RUBBER												PD	PD			PD				
GEORGIA-PACIFIC CORPORATION			PDE		PDE						PD					PDE				
GLIDDEN COATINGS AND RESINS DIV. OF SCM		PD																		
B.F. GOODRICH CHEMICAL COMPANY										PDE						PDE				
GOODYEAR CHEMICAL DIVISION												PD	PD	PDE		PDE				PDE
DEWEY & ALMY DIVISION W.R. GRACE & COMPANY									PD			PD	PD				D		PDE	
GRIFFTEX CHEMICALS			PD	PD																
GUARDSMAN CHEMICALS, INC.			PD																	

SPI

CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																			
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
GULF OIL PRODUCTS COMPANY						PDE	PDE	PDE			PDE									
HERCULES, INC.														PDE						
HIMONT USA, INC.							PDE	PDE												
HOECHST FIBERS INDUSTRIES																				PDE
HUNTSMAN CHEMICAL CORPORATION											PD									
ICI AMERICAS		PDE																		
INMONT CORPORATION		PD			PD															
INTERPLASTIC CORPORATION		PD																		
IRONSIDES RESINS, INC.					PD															
KEYSOR-CENTURY CORPORATION																PD				
KOPPERS COMPANY		PD			PDE															
MAPLECHEM, INC.			PD	PD																
MASONITE CORPORATION					PD															
MOBIL CHEMICAL COMPANY						PDE					PDE									
MONSANTO POLYMER PRODUCTS CO.			PDE	PDE					PDE	PDE	PDE			PDE	PDE		DE	PDE	PDE	
MORTON INDUSTRIES													PD						PDE	

SPI

CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																			
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
NATIONAL STARCH & CHEMICALS CORP																	D			
NORTHERN PETROCHEMICAL						PDE		PDE												
NYLON CORP. OF AMERICA															PD					
OCCIDENTAL CHEMICAL CORP					PDE											PDE				
OWENS-CORNING FIBERGLAS		PDE		PD	PD															
PERKINS INDUSTRIES, INC.			PD		PD															
PERSTORP COMPOUNDS, INC			PDE	PD																
PHILLIPS CHEMICAL COMPANY						DE	PDE	PDE						PDE						
PIONEER PLASTICS		PD	PD	PD	PD															
PLASLOK CORPORATION					PD															
PLASTICS ENGINEERING COMPANY					PDE															
PLASTICS MANUFACTURING CO.			PD	PD																
POLYMER APPLICATION, INC.					PD															
POLYREZ COMPANY, INC.					PDE															
POLYSAR LIMITED												PD	PD							
POLYSAR, INC.											PDE									
RAYMARK INDUSTRIES					PD															
REICHHOLD CHEMICALS, INC.	PDE	PDE	PDE	PDE	PDE							PD					D			

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
RILSAN CORPORATION															PDE					
ROGERS CORPORATION					PDE															
ROHM AND HAAS COMPANY														PDE			D		PDE	PD
SHAKESPEARE COMPANY															PD					
SHELL CHEMICAL COMPANY	PDE							PDE												
SHERWIN WILLIAMS		PD																		
SHINTECH, INC																PDE				
SILMAR DIV. OF SOHIO CHEM. CO.		PDE																		
SOLTEX POLYMER CORP.							PDE	PDE												
TENNECO POLYMERS, INC..																PDE				
TEXTYRENE PLASTICS											PD									
UNION CARBIDE CORPORATION	PDE				PDE	PDE	PDE										DE			
UNION CHEMICAL												PD					D		PD	
UNIROYAL CHEMICAL					PDE															
U.S. INDUSTRIAL CHEMICAL						PDE	PDE										D			
USS CHEMICAL		PDE						PDE												
VALCHEM DIV. OF UNITED MERCHANTS, INC.			PD																	
VALITE DIVISION OF VALENTINE SUGARS, INC.					PD															
VANLEER CONTAINERS, INC.					PD															

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CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																			
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
VISTA POLYMERS																PDE				
VITITEK											PD									
WELLMAN, INC.															PDE					
TOTAL 106	6	19	16	14	28	12	13	12	4	4	15	8	6	10	11	13	12	3	7	8

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**The Society of the
Plastics Industry, Inc.**

MonthlyStatisticalReport-Resins

355 Lexington Avenue
New York, New York 10017
(212) 573-9400

FOR THE MONTH AND PERIOD ENDED AUGUST, 1984

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

1984 ISSUE NO. 8

RELEASE DATE: OCTOBER 12, 1984

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

**SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY.**

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The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

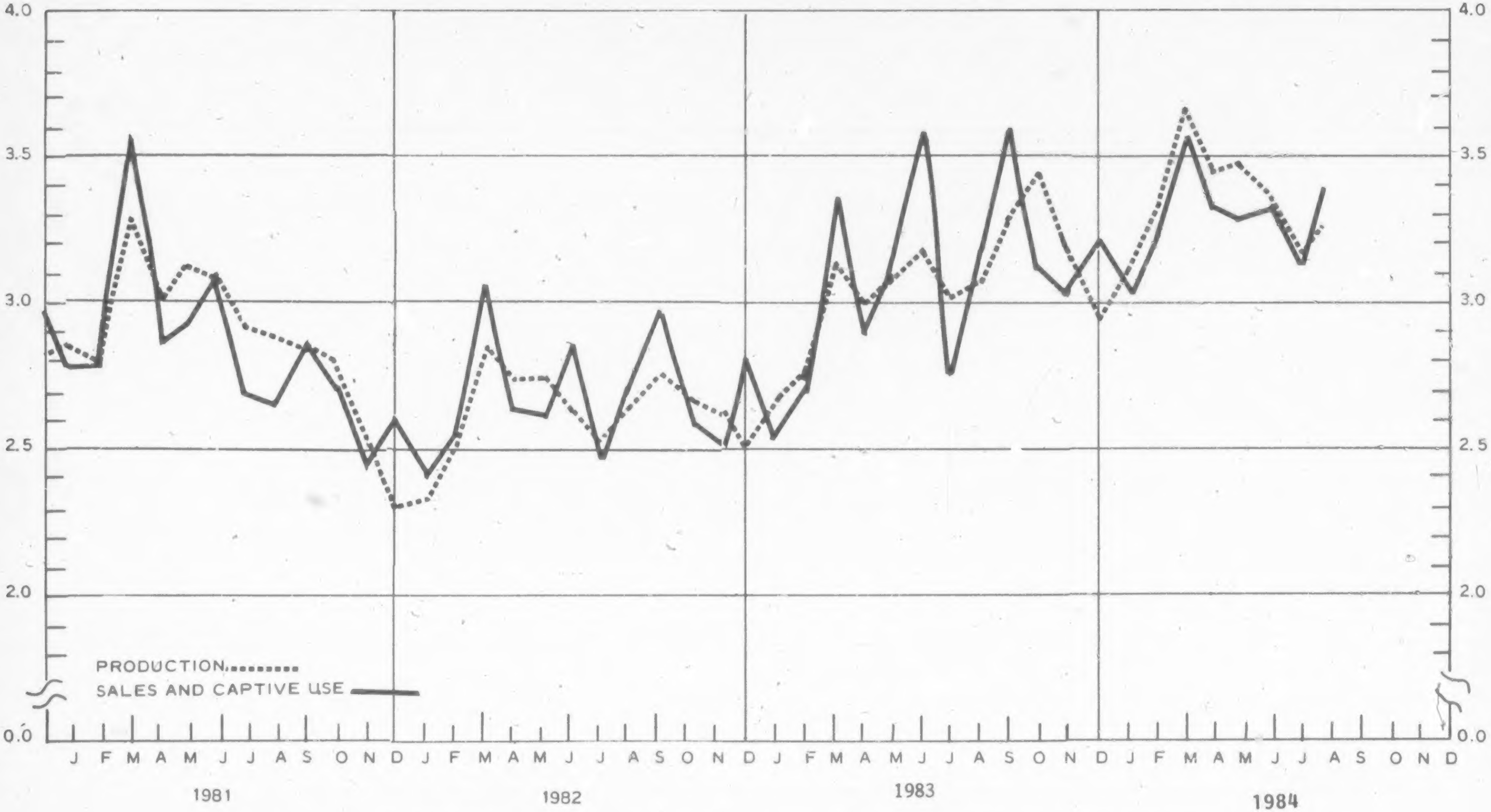
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

AUGUST, 1984



COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)(1)

AUGUST 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	32,417	33,097	-2.1	263,993R	217,082	+21.6	23,149	22,717	+1.9	260,777R	219,532	+18.8
POLYESTER (UNSATURATED) RESINS, TOTAL	108,172	97,347	+11.1	846,281	704,360	+20.1	106,294	98,733	+7.7	852,724	715,050	+19.3
UREA RESINS, TOTAL	94,698	99,866	-5.2	802,575R	772,643	+3.9	94,693	99,218	-4.6	808,943R	775,604	+4.3
MELAMINE RESINS, TOTAL	17,484	17,049	+2.6	135,280R	118,583	+14.1	15,534	16,282	-4.6	139,917R	119,526	+17.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	208,516	228,382	-8.7	1,715,629R	1,651,550	+3.9	206,809	225,852	-8.4	1,698,537R	1,615,559	+5.1
THERMOSETTING RESINS, TOTAL	461,287	475,741	-3.0	3,763,758R	3,464,218	+8.6	446,479	462,802	-3.5	3,760,898R	3,445,271	+9.2
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	718,104	662,178	+8.4	5,394,448R	5,170,701	+4.3	668,327	652,089	+2.5	5,639,338R	5,256,972	+7.3
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	554,336	496,683	+11.6	3,909,435R	3,690,861	+5.9	464,976	473,074	-1.7	4,063,422R	3,708,202	+9.6
POLYPROPYLENE, TOTAL	423,477	383,875	+10.3	3,172,012R	2,850,425	+11.3	422,686	350,792	+20.5	3,312,278R	2,844,559	+16.4
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	82,978	96,707	-14.2	742,067	653,377	+13.6	88,579	82,359	+7.6	768,966R	624,351	+23.2
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,024	8,301	-3.3	64,157R	60,279	+6.4	9,162	8,519	+7.5	68,901R	61,704	+11.7
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	17,715	21,260	-16.7	160,542R	149,208	+7.6	23,345	13,320	+75.3	170,855R	136,716	+25.0
POLYSTYRENE, TOTAL	341,832	330,555	+3.4	2,576,426R	2,379,049	+8.3	307,168	287,308	+6.9	2,516,822R	2,288,915	+10.0
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	68,098	65,599	+3.8	503,808R	458,260	+9.9	65,217	62,816	+3.8	498,832R	458,745	+8.7
NYLON RESINS, TOTAL	34,562	28,830	+19.9	261,793	207,242	+26.3	32,283	28,661	+12.6	277,720R	197,835	+40.4
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	528,596	471,698	+12.1	4,432,391R	4,166,649	+6.4	589,102	511,824	+15.1	4,516,320R	4,114,167	+9.8
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	58,543	61,526	-4.8	477,676	459,804	+3.9	* 58,543	* 61,526	-4.8	* 477,676	* 459,804	+3.9
POLYVINYL ALCOHOL, TOTAL #	10,272	11,970	-14.2	95,206	90,463	+5.2	6,993	10,241	-31.7	95,425	84,621	+12.8
OTHER VINYL RESINS, TOTAL	11,912	15,387	-22.6	121,423R	112,922	+7.5	13,171	16,666	-21.0	124,147R	119,756	+3.7
THERMOPLASTIC POLYESTER, TOTAL	71,345	68,616	+4.0	563,485	499,711	+12.8	73,816	66,305	+11.3	582,357	501,572	+16.1
THERMOPLASTIC RESINS, TOTAL	2,929,794	2,723,185	+7.6	22,474,869R	20,948,951	+7.3	2,823,368	2,625,500	+7.5	23,113,059R	20,857,919	+10.8
GRAND TOTAL	3,391,081	3,198,926	+6.0	26,238,627R	24,413,169	+7.5	3,269,847	3,088,302	+5.9	26,873,957R	24,303,190	+10.6

(1) = Except phenolic resins which are reported on a gross weight basis

(4) = Includes Styrene Butadiene Latexes
= Includes imputed data

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

PVAc includes some estimated data.

SPI

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In metric tons, dry weight basis)(1)

AUGUST 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	14,704	15,013	-2.1	119,746R	98,468	+21.6	10,500	10,304	+1.9	118,288R	99,579	+18.8
POLYESTER (UNSATURATED) RESINS, TOTAL	49,066	44,156	+11.1	383,870	319,496	+20.1	48,215	44,785	+7.7	386,793	324,345	+19.3
UREA RESINS, TOTAL	42,935	45,299	-5.2	364,046R	350,469	+3.9	42,952	45,006	-4.6	366,934R	351,812	+4.3
MELAMINE RESINS, TOTAL	7,931	7,733	+2.6	61,363R	53,789	+14.1	7,046	7,385	-4.6	63,466R	54,217	+17.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	94,582	103,593	-8.7	778,204R	749,137	+3.9	93,809	102,446	-8.4	770,451R	732,812	+5.1
THERMOSETTING RESINS, TOTAL	209,238	215,794	-3.0	1,707,229R	1,571,359	+8.6	202,522	209,926	-3.5	1,705,932R	1,562,765	+9.2
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	325,730	300,362	+8.4	2,446,906R	2,345,415	+4.3	303,151	295,786	-2.5	2,557,987R	2,384,547	+7.3
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	251,445	225,294	+11.6	1,773,308R	1,674,164	+5.9	210,912	214,585	-1.7	1,843,156R	1,682,029	+9.6
POLYPROPYLENE, TOTAL	192,088	174,125	+10.3	1,438,815R	1,292,944	+11.3	191,729	159,118	+20.5	1,502,439R	1,290,283	+16.4
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	37,639	43,866	-14.2	336,599	296,370	+13.6	40,179	37,358	+7.6	348,802R	283,204R	+23.2
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	3,640	3,765	-3.3	29,102R	27,343	+6.4	4,156	3,864	+7.5	31,254R	27,989	+11.7
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	8,035	9,643	-16.7	72,821R	67,680	+7.6	10,589	6,042	+75.3	77,499R	62,014	+25.0
POLYSTYRENE, TOTAL	155,054	149,939	+3.4	1,168,659R	1,079,129	+8.3	139,330	130,322	+6.9	1,141,623R	1,038,245	+10.0
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	30,889	29,755	+3.8	228,526R	207,865	+9.9	29,582	28,493	+3.8	226,269	208,085	+8.7
NYLON RESINS, TOTAL	15,677	13,077	+19.9	118,749	94,004	+26.3	14,643	13,000	+12.6	125,973	89,737	+40.4
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	239,770	213,962	+12.1	2,010,520R	1,889,979	+6.4	267,215	232,162	+15.1	2,048,589	1,866,174	+9.8
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	26,555	27,908	-4.8	216,672	208,566	+3.9	* 26,555	* 27,908	-4.8	* 216,672	* 208,566	-9.8
POLYVINYL ALCOHOL, TOTAL #	4,659	5,430	-14.2	43,185	41,034	+5.2	3,173	4,645	-31.7	43,284	38,383	+12.8
OTHER VINYL RESINS, TOTAL	5,403	6,979	-22.6	55,077	51,221	+7.5	5,974	7,560	-21.0	56,313	54,322	+3.7
THERMOPLASTIC POLYESTER, TOTAL	32,362	31,124	+4.0	255,595	226,668	+12.8	33,483	30,076	+11.3	264,155	227,512	+16.1
THERMOPLASTIC RESINS, TOTAL	1,328,946	1,235,229	+7.6	10,194,534R	9,502,382	+7.3	1,280,671	1,190,919	+7.5	10,484,015R	9,461,090	+10.8
GRAND TOTAL	1,538,184	1,451,023	+6.0	11,901,763R	11,073,741	+7.5	1,483,193	1,400,845	+5.9	12,189,947R	11,023,855	+10.6

(1) = Except phenolic resins which are reported on a gross weight basis

(4) = Includes Styrene Butadiene Latexes
= Includes imputed data

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

PVAc includes some [illegible] data.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

AUGUST 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	32,417	33,097	-2.1	263,993R	217,082	+21.6	23,149	22,717	+1.9	260,777R	219,532	+18.8
Total Exports	2,971	3,389	-12.3	28,261R	23,108	+22.3						
Total Domestic	29,446	29,708	-0.9	235,732R	193,974	+21.5						
Bonding & Adhesives	1,578	1,573	+0.3	13,469R	10,889	+23.7						
Flooring, Paving & Exposed Aggregate	1,275	1,983	-35.7	11,830R	12,150	-2.6						
Protective Coatings	14,015	12,383	+13.2	107,417R	86,240	+24.6						
Fiber Reinforced Laminates & Composites, Total	7,908	7,845	+0.8	62,498R	46,188	+35.3						
FRL&C for Printed Wiring Board	5,528	5,689	-2.8	44,368R	33,281	+33.3						
All Other FRL&C	2,380	2,156	+10.4	18,130R	12,907	+40.5						
Tooling, Casting & Molding Resins	2,316	2,960	-21.8	21,165R	18,307	+15.6						
All Other Uses	2,354	2,964	-20.6	19,353R	20,200	-4.2						
POLYESTER (UNSATURATED) RESINS, TOTAL	108,172	97,347	+11.1	846,281	704,360	+20.1	10[illegible]94	98,733	+7.7	852,724	715,050	+19.3
Total Exports	624	939	-33.5	5,639	7,046	-20.0						
Total Domestic	107,548	96,408	+11.6	840,642	697,314	+20.6						
General Purpose Resins, Total	95,3[illegible]	86,695	+10.0	754,872	623,086	+21.2						
General Purpose – Thixotropic	42,786	41,188	+3.9	342,801	292,426	+17.2						
General Purpose – Press Molding	14,441	13,023	+10.9	127,605	88,683	+43.9						
General Purpose – All Other	38,110	3[illegible],484	+17.3	284,466	241,977	+17.6						
Flame Retardant Resins	2,315	1,639	+41.2	15,219	12,795	+18.9						
Chemical Resistant Resins	9,896	8,074	+22.6	70,551	61,433	+14.8						
Chemical Resistant Isophthalic Resins	7,032	4,993	+40.8	48,979	41,091	+19.2						
All Other Chemical Resistant Resins	2,864	3,081	-7.0	21,572	20,342	+6.0						
Reinforced Plastics, Total	81,854	73,389	+11.5	646,048	536,669	+20.4						
Non-Reinforced Plastics, Total	25,694	23,019	+11.6	194,594	160,645	+21.1						

R = Revision

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)(1)

THERMOSETTING RESINS

AUGUST 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
UREA RESINS, TOTAL	94,698	99,866	-5.2	802,575R	772,643	+3.9	94,693	99,218	-4.6	808,943R	775,604	+4.3
MELAMINE RESINS, TOTAL	17,484	17,049	+2.6	135,280R	118,583	+14.1	15,534	16,282	-4.6	139,917R	119,526	+17.1
UREA & MELAMINE RESINS, TOTAL	112,182	116,915	-4.0	937,855R	891,226	+5.2	110,227	115,500	-4.6	948,860R	895,130	+6.0
Total Exports	D	D		D	D							
Total Domestic *	112,182	116,915	-4.0	937,855R	891,226	+5.2						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	8,288	6,671	+24.2	67,907	47,164	+44.0	8,171	6,988	+16.9	70,831	57,032	+24.2
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	82,579	87,493	-5.6	703,553R	672,127	+4.7	83,299	87,826	-5.2	709,841R	678,735	+4.6
Laminating	3,559	3,378	+5.4	29,148	26,222	+11.2	3,512	3,450	+1.8	30,151	26,317	+14.6
Plywood	4,715	5,494	-14.2	38,370	41,489	-7.5	4,739	5,399	-12.2	39,480R	42,090	-6.2
Fibrous & Granulated Wood (Particle Board)	74,305	78,621	-5.5	636,035R	604,416	+5.2	75,048	78,977	-5.0	640,210R	610,328	+4.9
Protective Coatings (Straight & Modified)	7,416	8,161	-9.1	57,849R	51,480	+12.4	7,144	7,751	-7.8	70,792R	58,327	+21.4
All Other Uses (Includes Textile Treating & Coating Resins, Molding Compounds, and Exports)	13,899	14,590	-4.7	108,546	120,455	-9.9	11,613	12,935	-10.2	97,396	101,036	-3.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	208,514	228,382	-8.7	1,715,629R	1,651,550	+3.9	206,809	225,852	-8.4	1,698,537R	1,615,559	+5.1
Total Exports	5,844	1,866	+213.2	27,584R	15,647	+76.3						
Total Domestic	202,672	226,516	-10.5	1,688,045R	1,635,903	+3.2						
Molding Compounds	19,888	21,941	-9.4	168,166R	147,817	+13.8	23,038	24,391	-5.5	187,028R	168,928	+10.7
Bonding & Adhesive Resins for:	178,181	200,985	-11.3	1,483,968R	1,456,429	-1.9	178,730	197,756	-9.6	1,473,100R	1,414,690	+4.1
Laminating	10,184	13,377	-23.9	101,373R	109,042	-7.0	9,374	11,977	-21.7	88,396R	91,964	-3.9
Coated & Bonded Abrasives	1,347	2,346	-42.6	15,583R	17,944	-13.2	1,446	2,157	-33.0	15,720R	17,403	-9.7
Friction Materials	3,366	3,223	+4.4	25,623R	20,548	+24.7	3,382	3,123	+8.3	25,305R	20,123	+25.8
Insulation Materials	22,706	34,501	-34.2	215,847R	219,410	-1.6	22,997	33,124	-30.6	213,720R	207,464	+3.0
Foundry & Shell Molding	7,380	5,928	+24.5	54,186R	44,553	+21.6	7,649	6,091	+25.6	56,085	45,764	+22.6
Plywood	110,392	117,590	-6.1	884,389	865,545	+2.2	110,532	117,448	-5.9	878,938	852,187	+3.1
Fibrous & Granulated Wood	15,541	15,404	+0.9	125,757	124,781	+0.8	15,449	15,030	+2.8	125,782	121,929	+3.2
Resins Sold to Rubber Industry	2,241	2,892	-22.5	20,695	17,467	+18.5	2,435	3,373	-27.8	23,237R	19,288	+20.5
All Other	5,024	5,724	-12.2	40,515R	37,139	+9.1	5,466	5,433	+0.6	45,917	38,568	+19.1
Protective Coatings – Unmodified & Modified	1,742	1,619	+7.6	14,899R	12,359	+20.6	2,280	1,663	+37.1	17,098	12,694	+34.7
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	2,861	1,971	+45.2	21,012	19,298	+8.9	2,761	2,042	+35.2	21,311	19,247	+10.7

(1) = Except phenolic resins which are reported on a gross weight basis

* Domestic total includes exports.

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

= Due to disclosure problem. All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

D = Disclosure

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

AUGUST 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	718,104	662,178	+8.4	5,394,448R	5,170,701	+4.3	668,327	652,089	+2.5	5,639,338R	5,256,972	+7.3
Total Exports	85,340	63,041	+35.4	578,531R	618,798	-6.5						
Total Domestic	632,764	599,137	+5.6	4,815,917R	4,551,903	+5.8						
Film (12 Mils & Below)	394,724	394,597	0.0	2,991,786R	2,935,933	+1.9						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	48,579	57,964	-16.2	410,691R	429,508	-4.4						
Wire & Cable	33,435	22,600	+47.9	254,555R	198,935	+28.0						
Extrusion Coating	50,564	47,880	+5.6	429,323R	368,932	+16.4						
Blow Molding	4,070	4,518	-9.9	31,684R	27,678	+14.5						
Pipe & Conduit, Total	1,093	1,314	-16.8	18,899R	16,089	+17.5						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	7,691	7,146	+7.6	53,941R	56,892	-5.2						
All Other Uses	92,608	63,118	+46.7	625,038R	517,936	+20.7						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	554,336	496,683	+11.6	3,909,435R	3,690,861	+5.9	464,976	473,074	-1.7	4,063,422R	3,708,202	+9.6
Total Exports	64,138	90,719	-29.3	456,863	670,773	-31.9						
Total Domestic	490,198	405,964	+20.7	3,452,572R	3,020,088	+14.3						
Film (12 Mils & Below)	33,203	34,906	-4.9	232,460R	251,348	-7.5						
Sheet (Over 12 Mils)	8,778	6,529	+34.4	75,101R	48,675	+54.3						
Injection Molding	109,074	98,103	+11.2	804,971R	754,337	+6.7						
Wire & Cable	11,229	8,065	+39.2	81,728R	72,166	+13.3						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	190,393	153,614	+23.9	1,375,345R	1,152,542	+19.3						
Pipe & Conduit, Total	45,565	46,856	-2.8	316,382R	307,040	+3.0						
Corrugated Pipe & Conduit	14,582	29,878	-51.2	92,273	141,215	-34.7						
Non-Corrugated Pipe & Conduit	30,983	16,978	+82.5	224,109R	165,825	+35.1						
Other Extruded Products	4,966	3,762	+32.0	29,547R	25,475	+16.0						
All Other Uses	86,990	54,129	+60.7	537,038R	408,505	+31.5						

D = Disclosure
(2) = Included in Other Extruded Products
(3) = Included in Film
R = Revision

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

AUGUST 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYPROPYLENE, TOTAL	423,477	383,875	+10.3	3,172,012R	2,850,425	+11.3	422,686	350,792	+20.5	3,312,278R	2,844,559	+16.4
Total Exports	64,56[illegible]	68,873	-6.3	460,591R	527,954	-12.8						
Total Domestic	358,916	315,002	+13.9	2,711,421R	2,322,471	+16.7						
Injection Molding	110,160	104,588	+5.3	893,691R	783,021	+14.1						
Appliances	9,611	8,526	+12.7	78,717R	60,912	+29.2						
Consumer Products	23,796	25,598	-7.0	201,192R	199,938	+0.6						
Rigid Packaging	32,446	27,421	+18.3	249,724R	235,599	+6.0						
Transportation	28,286	26,375	+7.2	223,436R	171,918	+30.0						
All Other Injection Molding	16,021	16,668	-3.9	140,622R	114,654	+22.6						
Blow Molding	10,405	9,527	+9.2	71,056R	54,389	+30.6						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	33,344	31,511	+5.8	269,615R	232,480	+16.0						
Sheet (Over 10 Mils)	4,891	3,509	+39.4	36,000	18,567	+93.9						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	126,879	104,990	+20.8	901,679R	763,477	+18.1						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	9,934	6,655	+49.3	76,873R	68,652	+12.0						
Resellers & Compounders	40,416	35,731	+13.1	350,598R	282,926	+23.9						
All Other Uses	22,887	18,491	+23.8	111,909R	118,959	-5.9						

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

# = Includes Extrusion Coating, Wire & Cable, Pipe & Conduit
R = Revision
D = Disclosure

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

AUGUST 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	82,978	96,707	-14.2	742,067	653,377	+13.6	88,579	82,359	+7.6	768,966R	624,351	+23.2
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,024	8,301	-3.3	64,157R	60,279	+6.4	9,162	8,519	+7.5	68,901 R	61,704	+11.7
Total Exports	1,080	1,245	-13.3	8,889	7,139	+24.5						
Total Domestic	6,944	7,056	-1.6	55,268R	53,140	+4.0						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	17,715	21,260	-16.7	160,542R	149,208	+7.6	23,345	13,320	+75.3	170,855R	136,716	+25.0
Total Export	D	D		D	D							
Total Domestic	17,715	21,260	-16.7	160,542R	149,208	+7.6						
Molding & Extrusion	12,868	15,895	-19.0	116,547	108,867	+7.1						
Coatings	4,847	5,365	-9.7	43,995R	40,341	+9.1						
POLYSTYRENE RESINS, TOTAL	341,832	330,555	+3.4	2,576,426R	2,379,049	+8.3	307,168	287,308	+6.9	2,516,822R	2,288,915	+10.0
Straight Polystyrene	180,361	171,138	+5.4	1,332,918R	1,227,183	+8.6	169,973	138,835	+22.4	1,311,399R	1,181,368	+11.0
Rubber-Modified Polystyrene	161,471	159,417	+1.3	1,243,508	1,151,866	+8.0	137,195	148,473	-7.6	1,205,423	1,107,547	+8.8
Total Exports	7,618	6,062	+25.7	67,069	54,610	+22.8						
Straight Polystyrene	3,885	2,737	+41.9	37,087	27,209	+36.3						
Rubber-Modified Polystyrene	3,733	3,325	+12.3	29,982	27,401	+9.4						
Total Domestic	334,214	324,493	+3.0	2,509,357R	2,324,439	+8.0						
Molding	124,293	149,386	-16.8	968,813	994,105	-2.5						
Extrusion	128,753	110,319	+16.7	966,209R	809,111	+19.4						
Expandable Polystyrene Beads	45,381	35,824	+26.7	315,024	292,273	+7.8						
All Other Uses	35,787	28,964	+23.6	259,311	228,950	+13.3						
Polystyrene End Uses, Total**	334,214	324,493	+3.0	2,509,357R	2,324,439	+8.0						
Packaging	80,498	87,267	-7.8	635,495	596,934	+6.5						
Disposables	47,262	40,661	+16.2	362,935R	292,333	+24.2						
Consumer and Institutional Products	50,493	62,245	-18.9	368,193	382,799	-3.8						
Electrical/Electronics	29,152	22,961	+27.0	195,843	182,605	+7.2						
Furniture, Furnishings, Building & Construction	18,048	14,402	+25.3	121,223	106,865	+13.4						
Expandable Polystyrene Beads	45,381	35,824	+26.7	315,024	292,273	+7.8						
All Other End Uses	63,380	61,133	+3.7	510,644	470,630	+8.5						

R = Revision
D = Disclosure

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

**Portions of the End Use Section are estimated. Exports are included in Domestic, Total and Molding and Extrusion.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

AUGUST 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including butadiene latexes not carboxylated	D	D		D	D		D	D		D	D	
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL***	68,098	65,599	+3.8	503,808R	458,260	+9.9	65,217	62,816	+3.8	498,832R	458,745	+8.7
Paper Treating	1,629	2,374	-31.4	16,242R	19,159	-15.2						
Textile Treating	1,384	1,767	-21.7	10,187R	13,491	-24.5						
Carpet Backing	29,323	29,011	+1.1	213,942R	194,710	+9.9						
All Other Uses (Including Exports & Paper Coating)	35,762	32,447	+10.2	263,437R	230,900	+14.1						
NYLON RESINS, TOTAL	34,562	28,830	+19.9	261,793	207,242	+26.3	32,283	28,661	+12.6	277,720R	197.835	+40.4
Total Exports	2,567	2,013	+27.5	16,989	14,921	+13.9						
Total Domestic	31,995	26,817	+19.3	244,804	192,321	+27.3						
Injection Molding Grade	20,437	17,309	+18.1	163,338	121,999	+33.9						
Extrusion Grade	9,198	7,624	+20.6	63,360	56,040	+13.1						
Resellers and Compounders	1,832	1,322	+38.6	13,694	10,399	+31.7						
All Other Uses	528	562	-6.0	4,412	3,883	+13.6						

***Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision
D = Disclosure

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The Society of the
Plastics Industry, Inc.

MonthlyStatisticalReport-Resins

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FOR THE MONTH AND PERIOD ENDED JUNE, 1984

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

1984 ISSUE NO. 6

RELEASE DATE: AUGUST 15, 1984

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

**SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY**

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The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

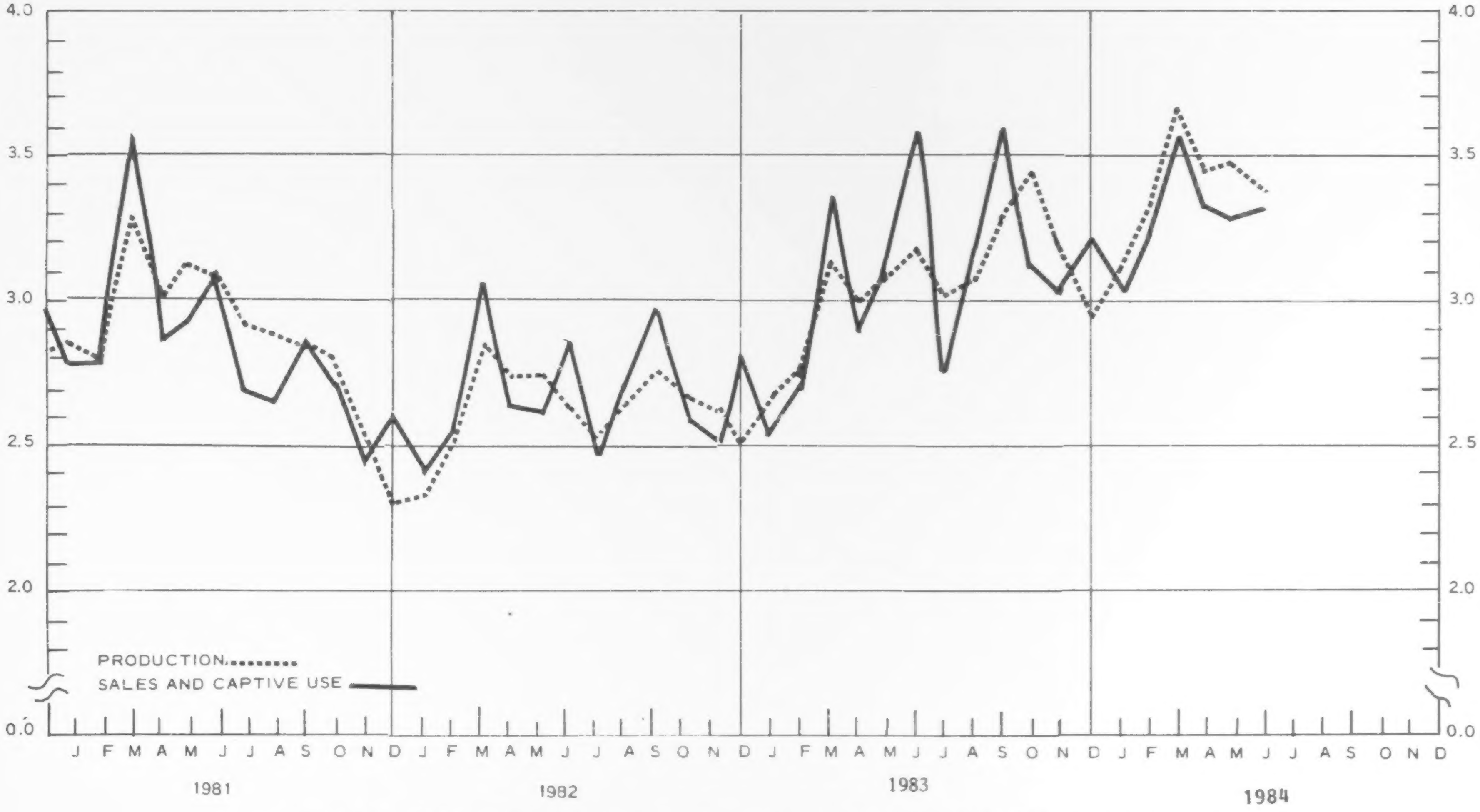
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

JUNE, 1984



COMPILED BY **ERNST & WHINNEY**, NEW YORK, N. Y. FOR **SPI'S COMMITTEE ON RESIN STATISTICS (CRS).**

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

JUNE 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	32,917	30,634	+7.5	200,942R	158,165	+27.0	27,460	29,280	-6.2	202,680	173,529	+16.8
POLYESTER (UNSATURATED) RESINS, TOTAL	109,853	103,224	+6.5	635,818	525,102	+21.1	111,170	102,586	+8.4	642,663	529,662	+21.3
UREA RESINS, TOTAL	104,951	103,520	+1.4	616,717	579,984	+6.3	104,039	104,538	-0.5	618,511	583,536	+6.0
MELAMINE RESINS, TOTAL	16,165	15,512	+4.2	100,737	87,907	+14.6	20,087	15,892	+26.4	109,309	88,795	+23.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	207,189	220,219	-5.9	1,300,105R	1,213,161	+7.2	207,980	215,712	-3.6	1,294,212R	1,185,898	+9.1
THERMOSETTING RESINS, TOTAL	471,075	473,109	-0.4	2,854,319R	2,564,319	+11.3	470,736	468,008	+0.6	2,867,375R	2,561,420	+11.9
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	679,813	767,647	-11.4	3,998,153R	3,919,620	+2.0	715,595	641,851	+11.5	4,282,608R	3,927,606	+9.0
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	488,519	600,093	-18.6	2,870,830R	2,747,914	+4.5	506,102	506,680	-0.1	3,080,922R	2,729,668	+12.9
POLYPROPYLENE, TOTAL	440,266	403,272	+9.2	2,387,182	2,141,898	+11.5	424,992	369,911	+14.9	2,485,228	2,124,876	+17.0
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	89,496	89,286	+0.2	579,526	477,359	+21.4	89,453	83,960	+6.5	620,264R	472,827	+31.2
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	7,665	7,536	+1.7	50,468R	45,048	+12.0	7,194	7,360	-2.3	75,529R	44,570	+69.5
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	19,905	21,964	-9.4	126,137	112,127	+12.5	20,034	16,713	+19.9	135,328	108,043	+25.3
POLYSTYRENE, TOTAL	346,232	347,131	-0.3	1,921,522R	1,785,049	+7.6	347,760	314,321	+10.6	1,883,483R	1,718,140	+9.6
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	65,372	60,939	+7.3	381,626R	339,456	+12.4	62,461	61,595	+1.4	380.844R	343,808	+10.8
NYLON RESINS, TOTAL	33,344	26,776	+24.5	196,619	152,600	+28.8	35,445	26,768	+32.4	215,010	145,724	+47.5
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	509,827	660,050	-22.8	3,439,586R	3,258,199	+5.6	546,560	571,104	-4.3	3,490,913R	3,074,747	+13.5
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	61,854	66,867	-7.5	363,872	345,211	+5.4	* 61,854	* 66,867	-7.5	* 363,872	* 345,211	+5.4
POLYVINYL ALCOHOL, TOTAL #	12,095	13,027	-7.2	73,710	67,347	+9.4	14,458	11,920	+21.3	74,680	60,055	+24.4
OTHER VINYL RESINS, TOTAL	13,841	16,461	-15.9	93,651	83,998	+11.5	16,341	15,752	+3.7	96,259	89,759	+7.2
THERMOPLASTIC POLYESTER, TOTAL	76,629	67,367	+13.7	413,452	366,034	+13.0	78,567	70,542	+11.4	424,571	364,398	+16.5
THERMOPLASTIC RESINS, TOTAL	2,844,858	3,148,416	-9.6	16,896,344R	15,841,860	+6.7	2,926,816	2,765,344	+5.8	17,609,511R	15,549,432	+13.2
GRAND TOTAL	3,315,933	3,621,525	-8.4	19,750,663R	18,406,179	+7.3	3,397,552	3,233,352	+5.1	20,476,886R	18,110,852	+13.1

(1) = Except phenolic resins which are reported on a gross weight basis

(4) = Includes Styrene Butadiene Latexes
= Includes imputed data

PVC includes some import data.

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In metric tons, dry weight basis)(1)

JUNE 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	14,931	13,895	+7.5	91,147R	71,743	+27.0	12,456	13,281	-6.2	91,935	78,712	+16.8
POLYESTER (UNSATURATED) RESINS, TOTAL	49,829	46,822	+6.4	288,405	238,185	+21.1	50,426	46,533	+8.4	291,510	240,253	+21.3
UREA RESINS, TOTAL	47,605	46,957	+1.4	279,741	263,080	+6.3	47,192	47,418	-0.5	280,555	264,690	+6.0
MELAMINE RESINS, TOTAL	7,332	7,036	+4.2	45,694	39,873	+14.6	9,111	7,209	+26.4	49,582	40,277	+23.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	93,981	99,891	-5.9	589,724R	550,286	+7.2	94,339	97,846	-3.6	587,051R	537,920	+9.1
THERMOSETTING RESINS, TOTAL	213,678	214,601	-0.4	1,294,711R	1,163,167	+11.3	213,524	212,287	+0.6	1,300,633R	1,161,852	+11.9
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	308,361	348,202	-11.4	1,813,555R	1,777,928	+2.0	324,592	291,142	+11.5	1,942,578R	1.781,551	+9.0
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	221,591	272,200	-18.6	1,302,200R	1,246,446	+4.5	229,566	229,829	-0.1	1,397,497R	1,238,170	+12.9
POLYPROPYLENE, TOTAL	199,703	182,923	+9.2	1,082,819	971,558	+11.5	192,775	167,791	+14.9	1,127,292	963,838	+17.0
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	40,595	40,500	+0.2	262,871	216,528	+21.4	40,576	38,084	+6.5	281,350R	214,473	+31.2
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	3,477	3,418	+1.7	22,892R	20,434	+12.0	3,263	3.338	-2.3	34,260R	20,216	+69.5
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	9,029	9,963	-9.4	57,215	50,860	+12.0	9,087	7.581	+19.9	61,384	49,008	+25.3
POLYSTYRENE, TOTAL	157,050	157,458	-0.3	871,597R	809,693	+7.6	157,743	142,575	+10.6	854,342R	779,343	+9.6
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	29,652	27,642	+7.3	173,103R	153,976	+12.4	28,332	27,939	+1.4	172,750R	155,950	+10.8
NYLON RESINS, TOTAL	15,125	12,145	+24.5	89,186	69,219	+28.8	16,078	12,142	+32.4	97,528	66,100	+47.5
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	231,256	299,397	-22.8	1,560,186R	1,477,909	+5.6	247,918	259,051	-4.3	1,583,468R	1,394,697	+13.5
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	28,057	30,331	-7.5	165,051	156,587	+5.4	* 28,057	* 30,331	-7.5	* 165,051	* 156,587	+5.4
POLYVINYL ALCOHOL, TOTAL #	5,486	5,909	-7.2	33,435	30,548	+9.4	6,558	5,407	+21.3	33,875	27,241	+24.4
OTHER VINYL RESINS, TOTAL	6,278	7,467	-15.9	42,480	38,102	+11.5	7,412	7,145	+3.7	43,663	40,714	+7.2
THERMOPLASTIC POLYESTER, TOTAL	34,759	30,557	+13.7	187,541	166,032	+13.0	35,638	31,998	+11.4	192,584	165,290	+16.5
THERMOPLASTIC RESINS, TOTAL	1,290,419	1,428,112	-9.6	7,664,131R	7,185,820	+6.7	1,327,595	1,254,353	+5.8	7,987,622R	7,053,178	+13.2
GRAND TOTAL	1,504,097	1,642,713	-8.4	8,958,842R	8,348,987	+7.3	1,544,119	1,466,640	+5.1	9,288,255R	8,215,030	+13.1

(1) = Except phenolic resins which are reported on a gross weight basis

(4) = Includes Styrene Butadiene Latexes

= Includes imputed data

PVC includes some import data.

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	32,917	30,634	+7.5	200,942R	158,165	+27.0	27,460	29,280	-6.2	202,680	173,529	+16.8
Total Exports	1,823	4,018	-54.6	22,109	17,193	+28.6						
Total Domestic	31,094	26,616	+16.8	178,833R	140,972	+26.9						
Bonding & Adhesives	1,881	1,473	+27.7	10,248R	8,046	+27.4						
Flooring, Paving & Exposed Aggregate	1,400	2,051	-31.7	9,229R	8,822	+4.6						
Protective Coatings	14,646	10,873	+34.7	81,091R	63,182	+28.3						
Fiber Reinforced Laminates & Composites, Total	7,601	7,009	+8.4	47,672R	33,317	+43.1						
FRL&C for Printed Wiring Board	5,305	5,307	-0.0	33,976R	23,693	+43.4						
All Other FRL&C	2,296	1,702	+34.9	13,696R	9,624	+42.3						
Tooling, Casting & Molding Resins	3,096	2,308	+34.1	16,331R	13,253	+23.2						
All Other Uses	2,470	2,902	-14.9	14,262R	14,352	-0.6						
POLYESTER (UNSATURATED) RESINS, TOTAL	109,853	103,224	+6.4	635,818	525,102	+21.1	111,170	102,586	+8.4	642,663	529,662	+21.3
Total Exports	728	1,129	-35.5	4,358	5,207	-16.3						
Total Domestic	109,125	102,095	+6.9	631,460	519,895	+21.5						
General Purpose Resins, Total	98,213	91,168	+7.7	567,939	464,099	+22.4						
General Purpose – Thixotropic	44,540	45,042	-1.1	258,897	215,652	+20.1						
General Purpose – Press Molding	19,164	11,992	+59.8	103,000	65,288	+57.8						
General Purpose – All Other	34,509	34,134	+1.1	206,042	183,159	+12.5						
Flame Retardant Resins	2,208	1,875	+17.8	11,410	9,911	+15.1						
Chemical Resistant Resins	8,704	9,052	-3.8	52,111	45,885	+13.6						
Chemical Resistant Isophthalic Resins	5,892	5,739	+2.7	36,070	30,910	+16.7						
All Other Chemical Resistant Resins	2,812	3,313	-15.1	16,041	14,975	+7.1						
Reinforced Plastics, Total	84,579	79,323	+6.6	488,954	400,285	+22.2						
Non-Reinforced Plastics, Total	24,546	22,772	+7.8	142,506	119,610	+19.1						

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)(1)

THERMOSETTING RESINS

JUNE 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
UREA RESINS, TOTAL	104,951	103,520	+1.4	616,717	579,984	+6.3	104,039	104,538	-0.5	618,511	583,536	+6.0
MELAMINE RESINS, TOTAL	16,165	15,512	+4.2	100,737	87,907	+14.6	20,037	15,892	+26.4	109,309	88,795	+23.1
UREA & MELAMINE RESINS, TOTAL	121,116	119,032	+1.8	717,454	667,891	+7.4	124,126	120,430	+3.1	727,820	672,331	+8.3
Total Exports	D	D		D	D							
Total Domestic *	121,116	119,032	+1.8	717,454	667,891	+7.4						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	8,827	7,409	+19.1	52,143	33,492	+55.7	9,057	7,775	+16.5	53,850	43,161	+24.8
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	92,248	93,588	-1.4	540,787	502,060	+7.7	92,161	93,505	-1.4	542,631	508,483	+6.7
Laminating	3,427	3,283	+4.4	22,407	19,645	+14.1	4,413	3,403	+29.7	23,317	19,666	+18.6
Plywood	5,464	5,843	-6.5	28,981	31,216	-7.2	5,688	6,038	-5.8	30,089	32,201	-6.6
Fibrous & Granulated Wood (Particle Board)	83,357	84,462	-1.3	489,399	451,199	+8.5	82,060	84,064	-2.4	489,225	456,616	+7.1
Protective Coatings (Straight & Modified)	7,035	6,317	+11.4	43,067	38,469	+12.0	10,584	8,707	+21.6	56,422	43,554	+29.5
All Other Uses (Includes Textile Treating & Coating Resins, Molding Compounds, and Exports)	13,006	11,718	+11.0	81,457	93,870	-13.2	12,324	10,443	+18.0	74,917	77,133	-2.9
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	207,189	220,219	-5.9	1,300,105R	1,213,161	+7.2	207,980	215,712	-3.6	1,294,212R	1,185,898	+9.1
Total Exports	6,568	2,156	+204.6	16,131R	12,175	+32.5						
Total Domestic	200,621	218,063	-8.0	1,283,974R	1,200,986	+6.9						
Molding Compounds	18,962	20,218	-6.2	131,324	110,162	+19.2	25,392	23,778	+6.8	149,136	128,395	+16.2
Bonding & Adhesive Resins for:	176,833	192,974	-8.4	1,125,979R	1,066,794	+5.5	177,532	186,984	-5.1	1,116,673R	1,032,877	+8.1
Laminating	12,303	14,364	-14.3	80,343R	81,420	-1.3	10,248	11,727	-12.6	71,400R	67,767	+5.4
Coated & Bonded Abrasives	1,882	2,151	-12.5	13,448	13,610	-1.2	2,016	2,245	-10.2	13,313	13,411	-0.7
Friction Materials	3,361	2,696	+24.7	19,347R	15,227	+27.1	3,347	2,833	+18.1	19,242R	15,088	+27.5
Insulation Materials	27,546	29,885	-7.8	171,556R	158,401	+8.3	27,798	28,511	-2.5	168,963R	148,630	+13.7
Foundry & Shell Molding	7,119	6,029	+18.1	39,663	33,443	+18.6	7,578	6,334	+19.6	41,284	34,329	+20.3
Plywood	103,593	114,215	-9.3	660,446	631,466	+4.6	103,225	111,366	-7.3	653,449	618,993	+5.6
Fibrous & Granulated Wood	14,204	17,068	-16.8	94,318	93,451	+0.9	14,146	16,909	-16.3	94,434	91,887	+2.8
Resins Sold to Rubber Industry	2,231	2,207	+1.1	15,928	12,898	+23.5	3,465	2,286	+51.6	19,174	14,078	+36.2
All Other	4,594	4,359	+5.4	30,930	26,878	+15.1	5,709	4,773	+19.6	35,414	28,694	+23.4
Protective Coatings – Unmodified & Modified	1,905	1,780	+7.0	11,435	9,337	+22.5	2,035	1,727	+17.8	12,246	9,889	+23.8
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	2,921	3,091	-5.5	15,236R	14,693	+3.7	3,021	3,223	-6.3	16,157R	14,737	+9.6

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

# = Due to disclosure problem. All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

R = Revision

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JUNE 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	679,813	767,647	-11.4	3,998,163R	3,919,620	+2.0	715,595	641,851	+11.5	4,282,608R	3,927,606	+9.0
Total Exports	100,076	94,408	+6.0	389,867	472,934	-17.6						
Total Domestic	579,737	673,239	-13.9	3,608,296R	3,446,686	+4.7						
Film (12 Mils & Below)	360,407	442,366	-18.5	2,237,941R	2,211,767	+1.2						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	49,978	66,488	-24.8	309,923R	324,463	-4.5						
Wire & Cable	29,673	25,812	+15.0	191,621R	153,522	+24.8						
Extrusion Coating	55,425	53,470	+3.7	331,180R	280,308	+18.1						
Blow Molding	3,571	4,074	-12.3	22,826R	19,775	+15.4						
Pipe & Conduit, Total	759	2,727	-72.2	15,620R	12,999	+20.2						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	6,945	9,731	-28.6	40,029R	41,655	-3.9						
All Other Uses	72,979	68,571	+6.4	459,156R	402,197	+14.2						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	488,519	600,093	-18.6	2,870,830R	2,747,914	+4.5	506,102	506,680	-0.1	3,080,922R	2,729,668	+12.9
Total Exports	52,890	113,140	-53.3	332,389R	475,653	-30.1						
Total Domestic	435,629	486,953	-10.5	2,538,441R	2,272,261	+11.7						
Film (12 Mils & Below)	28,395	40,830	-30.5	161,673R	183,122	-11.7						
Sheet (Over 12 Mils)	7,355	7,854	-6.4	47,235R	37,624	+25.5						
Injection Molding	97,347	133,793	-27.2	595,671R	578,867	+2.9						
Wire & Cable	10,919	9,294	+17.5	60,299R	55,825	+8.0						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	172,828	174,594	-1.0	1,024,601R	864,772	+18.5						
Pipe & Conduit, Total	41,780	54,907	-23.9	233,758R	218,399	+7.0						
Corrugated Pipe & Conduit	11,992	21,739	-44.8	68,119R	91,923	-25.9						
Non-Corrugated Pipe & Conduit	29,788	33,168	-10.2	165,639R	126,476	+31.0						
Other Extruded Products	3,407	4,329	-21.3	21,496R	19,229	+11.8						
All Other Uses	73,598	61,352	+20.0	393,708R	314,423	+25.2						

D = Disclosure
(2) = Included in Other Extruded Products
(3) = Included in Film

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JUNE 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYPROPYLENE, TOTAL	440,266	403,272	+9.2	2,387,182	2,141,898	+11.5	424,992	369,911	+14.9	2,485,228	2,124,876	+17.0
Total Exports	82,279	76,032	+8.2	336,868	388,467	-13.3						
Total Domestic	357,987	327,240	+9.4	2,050,314	1,753,431	+16.9						
Injection Molding	116,015	107,351	+8.1	686,115	591,883	+15.9						
Appliances	11,362	7,556	+50.4	60,768	45,708	+32.9						
Consumer Products	24,540	26,091	-5.9	154,559	153,924	+0.4						
Rigid Packaging	31,836	37,034	-14.0	176,804	184,343	-4.1						
Transportation	25,019	20,807	+20.2	169,705	123,145	+37.8						
All Other Injection Molding	23,258	15,863	+46.6	124,279	84,763	+46.6						
Blow Molding	9,138	5,842	+56.4	52,597	38,097	+38.1						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	38,610	28,926	+33.5	202,060	173,038	+16.8						
Sheet (Over 10 Mils)	5,043	2,670	+88.9	27,094	13,406	+102.1						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	113,751	109,716	+3.7	674.234	577,931	+16.7						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	12,508	11,454	+9.2	56,812	55,172	+3.0						
Resellers & Compounders	49,629	44,112	+12.5	260,317	217,473	+19.7						
All Other Uses	13,293	17,169	-22.6	91,085	86,431	+5.4						

D = Disclosure

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= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JUNE 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	89,496	89,286	+0.2	579,526	477,359	+21.4	89,453	83,960	+6.5	620,264R	472,827	+31.2
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	7,665	7,536	+1.7	50,468R	45,048	+12.0	7,194	7,360	-2.3	75,529R	44,570	+69.5
Total Exports	1,284	829	+54.9	6,682	4,640	+44.0						
Total Domestic	6,381	6,707	-4.9	43,786R	40,408	+8.4						
OTHER STYRENE BASED POLYMERS, TOTAL* 40% or more styrene	19,905	21,964	-9.4	126,137	112,127	+12.5	20,034	16,713	+19.9	135,328	108,043	+25.3
Total Export	D	D		D	D							
Total Domestic	19,905	21,964	-9.4	126,137	112,127	+12.5						
Molding & Extrusion	13,745	16,618	-17.3	90,263	81,662	+10.5						
Coatings	6,160	5,346	+15.2	35,874	30,465	+17.8						
POLYSTYRENE RESINS, TOTAL	346,232	347,131	-0.3	1,921,522R	1,785,049	+7.6	347,760	314,321	+10.6	1,883,483R	1,718,140	+9.6
Straight Polystyrene	180,828	186,380	-3.0	986,581R	920,498	+7.2	174,877	163,249	+7.1	974,178R	895,681	+8.8
Rubber-Modified Polystyrene	165,404	160,751	+2.9	934,941	864,551	+8.1	172,883	151,072	+14.4	909,305	822,459	+10.6
Total Exports	11,224	8,180	+37.2	50,901	41,122	+23.8						
Straight Polystyrene	5,481	3,480	+57.5	27,217	20,753	+31.1						
Rubber-Modified Polystyrene	5,743	4,700	+22.2	23,684	20,369	+16.3						
Total Domestic	335,008	338,951	-1.2	1,870,621R	1,743,927	+7.3						
Molding	129,221	137,049	-5.7	733,089	733,531	0.0						
Extrusion	131,152	113,088	+16.0	718,494	601,248	+19.5						
Expandable Polystyrene Beads	43,543	61,741	-29.5	226,966R	234,384	-3.2						
All Other Uses	31,092	27,073	+14.8	192,072	174,764	+9.9						
Polystyrene End Uses, Total**	335,008	338,951	-1.2	1,870,621R	1,743,927	+7.3						
Packaging	83,776	86,376	-3.0	478,890R	443,375	+8.0						
Disposables	50,209	39,269	+27.9	271,325R	212,969	+27.4						
Consumer and Institutional Products	49,688	51,565	-3.6	273,388	275,243	-0.7						
Electrical/Electronics	28,478	23,498	+21.2	142,052R	143,299	-0.9						
Furniture, Furnishings, Building & Construction	14,530	14,903	-2.5	87,311R	80,056	+9.1						
Expandable Polystyrene Beads	43,543	61,741	-29.5	226,966R	234,384	-3.2						
All Other End Uses	64,784	61,599	+5.2	390,689R	354,601	+10.2						

R = Revision

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

**Portions of the End Use Section are estimated.

*Exports are included in Domestic, Total and Molding & Extrusion.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

JUNE 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including butadiene latexes not carboxylated	D	D		D	D		D	D		D	D	
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL***	65,372	60,939	+7.3	381,626R	339,456	+12.4	62,461	61,595	+1.4	380,844R	343,808	+10.8
Paper Treating	1,575	2,434	-35.3	12,564	15,167	-17.2						
Textile Treating	996	1,687	-41.0	7,870	10,534	-25.3						
Carpet Backing	27,713	26,769	+3.5	161,767	145,155	+11.4						
All Other Uses (Including Exports & Paper Coating)	35,088	30,049	+16.8	199,425R	168,600	+18.3						
NYLON RESINS, TOTAL	33,344	26,776	+24.5	196,619	152,600	+28.8	35,445	26,768	+32.4	215,010	145,724	+47.5
Total Exports	2,982	2,236	+33.4	11,589	10,339	+12.1						
Total Domestic	30,362	24,540	+23.7	185,030	142,261	+30.1						
Injection Molding Grade	20,258	15,353	+31.9	125,122	89,679	+39.5						
Extrusion Grade	7,516	7,143	+5.2	46,345	42,208	+9.8						
Resellers and Compounders	2,011	1,435	-40.1	10,193	7,449	+36.8						
All Other Uses	577	609	-5.3	3,370	2,925	+15.2						

***Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JUNE 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	509,827	660,050	-22.8	3,439,586R	3,258,199	+5.6	546,560	571,104	-4.3	3,490,913R	3,074,747	+13.5
Homopolymer Resins Including Blending & Latex	453,654	582,804	-22.2	3,095,356R	2,904,050	+6.6	494,627	510,322	-3.1	3,140,192R	2,752,660	+14.1
Copolymer Resins Including Blending & Latex	24,466	32,749	-25.3	147,426	147,028	+0.3	22,173	27,436	-19.2	148,545	136,791	+8.6
Dispersion Resins	31,707	44,497	-28.7	196,804	207,121	-5.0	29,760	33,346	-10.8	202,176	185,296	+9.1
Total Exports	23,279	45,255	-48.6	182,840R	281,517	-35.1						
Total Domestic	486,548	614,795	-20.9	3,256,746R	2,976,682	+9.4						
Calendering, Total	51,967	83,770	-38.0	350,039R	372,622	-6.1						
Flooring	15,555	16,822	-7.5	84,317R	81,984	+2.8						
Textile	6,888	11,828	-41.8	51,220	51,571	-0.7						
All Other Calendering Uses	29,524	55,120	-46.4	214,502R	239,067	-10.3						
Coating, Total	31,740	40,308	-21.3	179,405	186,854	-4.0						
Flooring	14,086	19,354	-27.2	66,080	80,199	-17.6						
Textile & Paper Coating	10,288	11,198	-8.1	60,830	59,245	+2.7						
Protective Coatings	3,523	4,644	-24.1	22,669	23,099	-1.9						
Adhesives & All Other Coating Uses	3,843	5,112	-24.8	29,826	24,311	+22.7						
Extrusion, Total	306,184	378,202	-19.0	2,135,583R	1,852,854	+15.3						
Wire & Cable	31,877	34,948	-8.8	217,550R	181,428	+19.9						
Film & Sheet	24,648	32,847	-25.0	164,572R	157,545	+4.5						
Rigid Pipe & Tubing (Except Fittings)	195,940	249,809	-21.6	1,419,475R	1,228,555	+15.5						
All Other Extrusions	53,719	60,598	-11.4	333,986R	285,326	+17.1						
Molding, Total	38,727	36,427	+6.3	242,326R	212,766	+13.9						
Bottles	18,035	14,553	+23.9	101,488	74,261	+36.7						
Sound Records	4,761	5,733	-17.0	35,686	44,100	-19.1						
Fittings (Rigid Pipe & Tubing)	8,518	8,292	+2.7	63,153R	52,929	+19.3						
All Other Molding	7,413	7,849	-5.6	41,999R	41,476	+1.3						
Paste Processes (Except Coating)	16,011	17,912	-10.6	91,280	87,468	+4.4						
Plastisol Formulation	8,913	11,685	-23.7	51,144	50,109	+2.1						
All Other	7,098	6,227	+14.0	40,136	37,359	+7.4						
Resellers & Compounders	13,938	22,090	-36.9	90,080R	106,569	-15.5						
All Other Uses	27,981	36,086	-22.5	168,033	157,549	+6.7						

Polyvinyl Chloride & Copolymers includes import data.

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JUNE 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	61,854	66,867	-7.5	363,872	345,211	+5.4						
Total Exports	297	450	-34.0	1,916	3,481	-45.0						
Total Domestic	61,557	66,417	-7.3	361,956	341,730	+5.9						
Emulsion Paints	17,717	23,200	-23.6	109,034	108,848	+0.2						
Adhesives, Caulks and Sealants	25,608	25,165	+1.8	147,665	135,931	+8.6						
Paper Treating & Paper Coating	10,618	10,114	+5.0	62,165	57,372	+8.4						
Textile Treating	2,413	2,870	-15.9	12,270	10,996	+11.6						
Non-Woven Binders	2,833	2,651	+6.9	15,942	15,608	+2.1						
All Other Uses	2,368	2,417	-2.0	14,880	12,975	+14.7						
POLYVINYL ALCOHOL, TOTAL #	12,095	13,027	-7.2	73,710	67,347	+9.4	14,458	11,920	+21.3	74,680	60,055	+24.4
Total Exports	2,646	2,739	-3.4	14,600	11,468	+27.3						
Total Domestic	9,449	10,288	-8.2	59,110	55,879	+5.8						
OTHER VINYL RESINS*, TOTAL	13,841	16,461	-15.9	93,651	83,998	+11.5	16,341	15,752	+3.7	96,259	89,759	+7.2
Total Exports	2,888	3,420	-15.6	21,752	18,855	+15.4						
Total Domestic	10,953	13,041	-16.0	71,899	65,143	+10.4						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	76,629	67,367	+13.7	413,452	366,034	+13.0	78,567	70,542	+11.4	424,571	364,398	+16.5
Total Exports	5,626	9,593	-41.4	44,067	40,465	+8.9						
Total Domestic	71,003	57,774	+22.9	369,385	325,569	+13.5						
PET Bottle Grades (Carbonated Bottles)	52,226	43,322	+20.6	261,393	243,447	+7.4						
All Other Thermoplastic Polyester**	18,777	14,452	+29.9	107,992	82,122	+31.5						

**Includes All Other PET, Other Bottle grades, and All Injection Molding Grades
# = Includes imputed data

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

Ernst & Whinney

153 East 53rd Street
New York, New York 10022

212/888-9100

August 15, 1984

To: Participants in and Subscribers to the SPI's Monthly Resin Report

Beginning with the SPI's June Monthly Resin Report, imports are included in the PVC Sales figures. To avoid an apparent decrease in inventory, a production figure equal to the monthly imports has been added to the total production figure. The inclusion of imports is noted on the PVC and totals pages, and, if in the future, other resins are to include import data, it will be so noted.

Sincerely yours,

Valerie J. Gould
Statistical Services
Department

VJG:mm

A 8920-5

The Society of the
Plastics Industry, Inc.

SPI

MonthlyStatisticalReport-Resins

355 Lexington Avenue
New York, New York 10017
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FOR THE MONTH AND PERIOD ENDED JULY, 1984

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

1984 ISSUE NO. 7

RELEASE DATE: SEPTEMBER 21, 1984

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The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

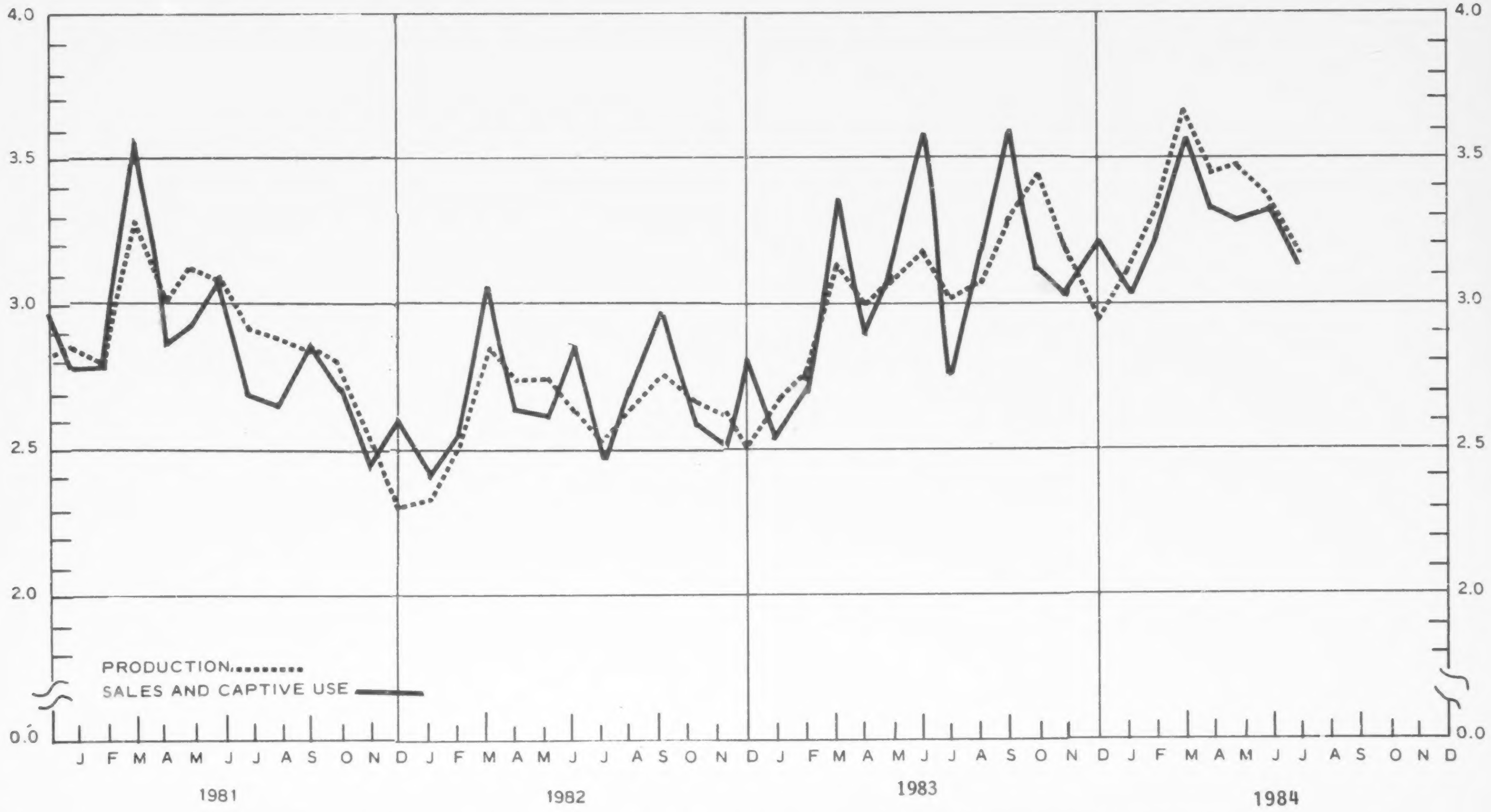
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

JULY, 1984



COMPILED BY **ERNST & WHINNEY**, NEW YORK, N. Y. FOR **SPI'S COMMITTEE ON RESIN STATISTICS (CRS).**

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

JULY 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1984	.1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	30,164	25,820	+16.8	231,106R	183,985	+25.6	36,601	23,286	+57.2	239,281	196,815	+21.6
POLYESTER (UNSATURATED) RESINS, TOTAL	101,281	81,911	+23.6	738,109R	607,013	+21.6	102,757	86,655	+18.6	746,430R	616,317	+21.1
UREA RESINS, TOTAL	74,807	92,793	-19.4	687,823R	672,777	+2.2	74,226	92,850	-20.1	694,196R	676,386	+2.6
MELAMINE RESINS, TOTAL	17,004	13,627	+24.8	117,777R	101,534	+16.0	15,064	14,449	+4.3	124,364R	103,244	+20.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	208,820	210,007	-0.6	1,509,304R	1,423,168	+6.1	200,665	203,809	-1.5	1,493,467R	1,389,707	+7.5
THERMOSETTING RESINS, TOTAL	432,076	424,158	+1.9	3,284,119R	2,988,477	+9.9	429,313	421,049	+2.0	3,297,738R	2,982,469	+10.6
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	676,002	588,903	+14.8	4,676,110R	4,508,523	+3.7	678,286	677,277	+0.1	4,960,894	4,604,883	+7.7
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	483,607	446,264	+8.4	3,354,476R	3,194,178	+5.0	517,146	505,460	+2.3	3,598,068	3,235,128	+11.2
POLYPROPYLENE, TOTAL	379,001	324,652	+16.7	2,766,183	2,466,550	+12.1	409,067	368,891	+10.9	2,894,295	2,493,767	+16.1
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	79,563	79,311	+0.3	659,089	556,670	+18.4	78,367	69,165	+13.3	689,138R	541,992	+27.1
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	6,708	6,930	-3.2	57,005R	51,978	+9.7	7,604	8,615	-11.7	71,815R	53,185	+35.0
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	19,719	15,821	+24.6	145,856	127,948	+14.0	15,211	15,353	-0.9	150,539	123,396	+22.0
POLYSTYRENE, TOTAL	310,104	263,445	+17.7	2,232,058R	2,048,494	+9.0	323,203	283,467	+14.0	2,207,118R	2,001,607	+10.3
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	55,596	53,205	+4.5	435,909R	392,661	+11.0	55,559	52,121	+6.6	434,311R	395,929	+9.7
NYLON RESINS, TOTAL	30,612	25,812	+18.6	227,231	178,412	+27.4	30,134	23,450	+28.5	245,437R	169,174	+45.1
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	471,549	436,752	+8.0	3,908,072R	3,694,951	+5.8	443,841	527,596	-15.9	3,931,495R	3,602,343	+9.1
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	55,232	53,067	+4.1	419,133R	398,278	+5.2	* 55,232	* 53,067	+4.1	* 419,133R	* 398,278	+5.2
POLYVINYL ALCOHOL, TOTAL #	11,224	11,146	+0.7	84,934	78,493	+8.2	13,752	14,325	-4.0	88,432	74,380	+18.9
OTHER VINYL RESINS, TOTAL	15,952	13,537	+17.8	109,511R	97,535	+12.3	13,870	13,331	+4.0	110,040R	103,090	+6.7
THERMOPLASTIC POLYESTER, TOTAL	78,688	65,061	+20.9	492,140	431,095	+14.2	83,970	70,869	+18.5	508,541	435,267	+16.8
THERMOPLASTIC RESINS, TOTAL	2,673,557	2,383,906	+12.2	19,567,707R	18,225,766	+7.4	2,725,242	2,682,987	+1.6	20,309,256R	18,232,419	+11.4
GRAND TOTAL	3,105,633	2,808,064	+10.6	22,851,826R	21,214,243	+7.7	3,154,555	3,104,036	+1.6	23,606,994R	21,214,888	+11.3

(1) = Except phenolic resins which are reported on a gross weight basis

(4) = Includes Styrene Butadiene Latexes

= Includes imputed data

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In metric tons, dry weight basis)(1)

JULY 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	13,682	11,712	+16.8	104,829R	83,455	+25.6	16,602	10,562	+57.2	108,537	89,274	+21.6
POLYESTER (UNSATURATED) RESINS, TOTAL	45,941	37,155	+23.6	334,804R	275,339	+21.6	46,610	39,306	+18.6	338,578R	279,560	+21.1
UREA RESINS, TOTAL	33,932	42,091	-19.4	311,995R	305,170	+2.2	33,669	42,116	-20.1	314,885R	306,807	+2.6
MELAMINE RESINS, TOTAL	7,713	6,181	+24.8	53,423R	46,056	+16.0	6,833	6,555	+4.3	56,412R	46,831	+20.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	94,720	95,259	-0.6	684,616R	645,544	+6.1	91,021	92,448	-1.5	677,432R	630,367	+7.5
THERMOSETTING RESINS, TOTAL	195,988	192,398	+1.9	1,489,667R	1,355,564	+9.9	194,735	190,987	+2.0	1,495,844R	1,352,839	+10.6
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	306,632	267,125	+14.8	2,121,070R	2,045,053	+3.7	307,669	307,210	+0.1	2,250,247	2,088,761	+7.7
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	219,363	202,424	+8.4	1,521,580R	1,448,870	+5.0	234,576	229,275	+2.3	1,632,073	1,467,444	+11.2
POLYPROPYLENE, TOTAL	171,914	147,261	+16.7	1,254,732	1,118,820	+12.1	185,552	167,328	+10.9	1,312,844	1,131,165	+16.1
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	36,089	35,975	+0.3	298,961	252,504	+18.4	35,547	31,373	+13.3	312,591R	245,846	+27.1
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	3,042	3,143	-3.2	25,857	23,577	+9.7	3,449	3,908	-11.7	32,575R	24,125	+35.0
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	8,945	7,176	+24.6	66,160	58,037	+14.0	6,900	6,964	-0.9	68,285	55,972	+22.0
POLYSTYRENE, TOTAL	140,662	119,498	+17.7	1,012,455	929,191	+9.0	146,603	128,580	+14.0	1,001,142	907,922	+10.3
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	25,218	24,134	+4.5	197,727	178,110	+11.0	25,201	23,642	+6.6	197,002R	179,592	+9.7
NYLON RESINS, TOTAL	13,886	11,708	+18.6	103,071	80,927	+27.4	13,669	10,637	+28.5	111,329R	76,737	+45.1
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	213,893	198,109	+8.0	1,772,690	1,676,019	+5.8	201,326	239,316	-15.9	1,783,314R	1,634,012	+9.1
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	25,053	24,071	+4.1	190,117R	180,658	+5.2	* 25,053	* 24,071	+4.1	* 190,117R	* 180,658	+5.2
POLYVINYL ALCOHOL, TOTAL #	5,091	5,056	+0.7	38,526	35,604	+8.2	6,238	6,498	-4.0	40,112	33,738	+18.9
OTHER VINYL RESINS, TOTAL	7,236	6,140	+17.8	49,674R	44,242	+12.3	6,291	6,047	+4.0	49,914R	46,762	+6.7
THERMOPLASTIC POLYESTER, TOTAL	35,693	29,511	+20.9	223,233	195,542	+14.2	38,088	32,146	+18.5	230,673	197,436	+16.8
THERMOPLASTIC RESINS, TOTAL	1,212,717	1,081,331	+12.2	8,875,853R	8,267,154	+7.4	1,236,162	1,216,995	+1.6	9,212,218R	8,270,170	+11.4
GRAND TOTAL	1,408,705	1,273,729	+10.6	10,365,520R	9,622,718	+7.7	1,430,897	1,407,982	+1.6	10,708,062R	9,623,009	+11.3

(1) = Except phenolic resins which are reported on a gross weight basis

(4) = Includes Styrene Butadiene Latexes
# = Includes imputed data

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

SPI   CRS

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis)

JULY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	30,164	25,820	+16.8	231,106R	183,985	+25.6	36,601	23,286	+57.2	239,281	196,815	+21.6
Total Exports	3,183	2,526	+26.0	25,292	19,719	+28.3						
Total Domestic	26,981	23,294	+15.8	205,814R	164,266	+25.3						
Bonding & Adhesives	1,643	1,270	+29.4	11,891R	9,316	+27.6						
Flooring, Paving & Exposed Aggregate	1,325	1,345	-1.5	10,554R	10,167	+3.8						
Protective Coatings	11,930	10,675	+11.8	93,021R	73,857	+25.9						
Fiber Reinforced Laminates & Composites, Total	6,844	5,026	+36.2	54,516R	38,343	+42.2						
FRL&C for Printed Wiring Board	4,862	3,899	+24.7	38,838R	27,592	+40.8						
All Other FRL&C	1,982	1,127	+75.9	15,678R	10,751	+45.8						
Tooling, Casting & Molding Resins	2,502	2,094	+19.5	18,833	15,347	+22.7						
All Other Uses	2,737	2,884	-5.1	16,999R	17,236	-1.4						
POLYESTER (UNSATURATED) RESINS, TOTAL	101,781	81,911	+23.6	738,109R	607,013	+21.6	102,757	86,655	+18.6	746,430R	616,317	+21.1
Total Exports	736	900	-18.2	5,015R	6,107	-17.9						
Total Domestic	100,545	81,011	+24.1	733,094R	600,906	+22.0						
General Purpose Resins, Total	90,593	72,292	+25.3	659,535R	536,391	+23.0						
General Purpose – Thixotropic	40,094	35,586	+12.7	300,015R	251,238	+19.4						
General Purpose – Press Molding	14,211	10,372	+37.0	113,164R	75,660	+49.6						
General Purpose – All Other	36,288	26,334	+37.8	246,356R	209,493	+17.6						
Flame Retardant Resins	1,494	1,245	+20.0	12,904	11,156	+15.7						
Chemical Resistant Resins	8,458	7,474	+13.2	60,655R	53,359	+13.7						
Chemical Resistant Isophthalic Resins	5,791	5,188	+11.6	41,947R	36,098	+16.2						
All Other Chemical Resistant Resins	2,667	2,286	+16.7	18,708	17,261	+8.4						
Reinforced Plastics, Total	76,242	62,995	+21.0	564,194R	463,280	+21.8						
Non-Reinforced Plastics, Total	24,303	18,016	+34.9	168,900R	137,626	+22.7						

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SPI

CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

THERMOSETTING RESINS

JULY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
UREA RESINS, TOTAL	74,807	92,793	-19.4	687,823R	672,777	+2.2	74,226	92,850	-20.1	694,196R	676,386	+2.6
MELAMINE RESINS, TOTAL	17,004	13,627	+24.8	117,777R	101,534	+16.0	15,064	14,449	+4.3	124,364R	103,244	+20.5
UREA & MELAMINE RESINS, TOTAL	91,811	106,420	-13.7	805,600R	774,311	+4.0	89,290	107,299	-16.8	818,560R	779,630	+5.0
Total Exports	D	D		D	D							
Total Domestic *	91,811	106,420	-13.7	805,600R	774,311	+4.0						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	7,801	7,001	+11.4	59,619R	40,493	+47.2	8,377	6,883	+21.7	62,660R	50,044	+25.2
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	63,448	82,574	-23.2	600,980R	584,634	+2.8	62,989	82,426	-23.6	606,548R	590,909	+2.6
Laminating	3,182	3,199	-0.5	25,589	22,844	+12.0	3,322	3,201	+3.8	26,639	22,867	+16.5
Plywood	4,803	4,779	+0.5	33,655R	35,995	-6.5	4,553	4,490	+1.4	34,741R	36,691	-5.3
Fibrous & Granulated Wood (Particle Board)	55,463	74,596	-25.6	541,736R	525,795	+3.0	55,114	74,735	-26.3	545,168R	531,351	+2.6
Protective Coatings (Straight & Modified)	7,349	4,850	+51.5	50,354R	43,319	+16.2	7,049	7,022	+0.4	63,569R	50,576	+25.7
All Other Uses (Includes Textile Treating & Coating Resins, Molding Compounds, and Exports)	13,213	11,995	+10.2	94,647R	105,865	-10.6	10,875	10,968	-0.8	85,783R	88,101	-2.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	208,820	210,007	-0.6	1,509,304R	1,423,168	+6.1	200,665	203,809	-1.5	1,493,467R	1,389,707	+7.5
Total Exports	5,760	1,606	+258.7	21,750R	13,781	+57.8						
Total Domestic	203,060	208,401	-2.6	1,487,554R	1,409,387	+5.5						
Molding Compounds	16,439	15,714	+4.6	148,288R	125,876	+17.8	15,029	16,142	-6.9	163,990R	144,537	+13.5
Bonding & Adhesive Resins for:	181,942	188,650	-3.6	1,307,917R	1,255,444	+4.2	180,917	184,057	-1.7	1,296,109R	1,216,934	+6.5
Laminating	11,980	14,245	-15.9	91,710R	95,665	-4.1	10,263	12,220	-16.0	79,467R	79,987	-0.7
Coated & Bonded Abrasives	1,390	1,988	-30.1	14,691R	15,598	-5.8	1,489	1,835	-18.9	14,613R	15,246	-4.2
Friction Materials	2,904	2,098	+38.4	22,244R	17,325	+28.4	2,654	1,912	+38.8	21,909R	17,000	+28.9
Insulation Materials	22,716	26,508	-14.3	194,265R	184,909	+5.1	22,688	25,710	-11.8	191,679R	174,340	+9.9
Foundry & Shell Molding	7,086	5,182	+36.7	46,846R	38,625	+21.3	7,200	5,344	+34.7	48,436R	39,673	+22.1
Plywood	113,656	116,489	-2.4	773,997R	747,955	+3.5	114,492	115,746	-1.1	768,406R	734,739	+4.6
Fibrous & Granulated Wood	15,370	15,926	-3.5	110,216R	109,377	+0.8	15,152	15,012	+0.9	110,333R	106,899	+3.2
Resins Sold to Rubber Industry	2,281	1,677	+36.0	18,454R	14,575	+26.6	1,979	1,837	+7.7	20,815R	15,915	+30.8
All Other	4,559	4,537	+0.5	35,494R	31,415	+13.0	5,000	4,441	+12.6	40,451R	33,135	+22.1
Protective Coatings — Unmodified & Modified	1,764	1,403	+25.7	13,198R	10,740	+22.9	2,326	1,142	+103.7	14,818R	11,031	+34.3
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	2,915	2,634	+10.7	18,151	17,327	+4.8	2,393	2,468	-3.0	18,550	17,205	+7.8

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

= Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SPI

CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JULY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	676,002	588,903	+14.8	4,676,110R	4,508,523	+3.7	678,286	677,277	+0.1	4,960,894	4,604,883	+7.7
Total Exports	103,323	82,823	+24.8	493,191R	555,757	-11.3						
Total Domestic	572,679	506,080	+13.2	4,182,919R	3,952,766	+5.8						
Film (12 Mils & Below)	354,362	329,569	+7.5	2,597,062R	2,541,336	+2.2						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	50,900	47,081	+8.1	362,112R	371,544	-2.5						
Wire & Cable	30,201	22,813	+32.4	221,120R	176,335	+25.4						
Extrusion Coating	47,345	40,744	+16.2	378,525	321,052	+17.9						
Blow Molding	4,777	3,385	+41.1	27,614R	23,160	+19.2						
Pipe & Conduit, Total	2,002	1,776	+12.7	17,806R	14,775	+20.5						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	6,710	8,091	-17.1	46,250R	49,746	-7.0						
All Other Uses	76,382	52,621	+45.2	532,430R	454,818	+17.1						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	483,607	446,264	+8.4	3,354,476R	3,194,178	+5.0	517,146	505,460	+2.3	3,598,068	3,235,128	+11.2
Total Exports	60,336	104,401	-42.2	392,725	580,054	-32.3						
Total Domestic	423,271	341,863	+23.8	2,961,751R	2,614,124	+13.3						
Film (12 Mils & Below)	29,742	33,320	-10.7	196,257R	216,442	-9.3						
Sheet (Over 12 Mils)	10,871	4,522	+140.4	61,398R	42,146	+45.7						
Injection Molding	100,856	77,367	+30.4	695,897R	656,234	+6.0						
Wire & Cable	9,583	8,276	+15.8	70,499R	64,101	+10.0						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	168,268	134,156	+25.4	1,189,577R	998,928	+19.1						
Pipe & Conduit, Total	35,567	41,785	-14.9	270,817R	260,184	+4.1						
Corrugated Pipe & Conduit	9,572	19,414	-50.7	77,691	111,337	-30.2						
Non-Corrugated Pipe & Conduit	25,995	22,371	+16.2	193,126R	148,847	+29.7						
Other Extruded Products	2,462	2,484	-0.9	23,958	21,713	+10.3						
All Other Uses	65,922	39,953	+65.0	453,348R	354,376	+27.9						

D = Disclosure
(2) = Included in Other Extruded Products
(3) = Included in Film

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JULY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYPROPYLENE, TOTAL	379,001	324,652	+16.7	2,766,183	2,466,550	+12.1	409,067	368,891	+10.9	2,894,295	2,493,767	+16.1
Total Exports	65,985	70,614	-6.6	402,853	459,081	-12.2						
Total Domestic	313,016	254,038	+23.2	2,363,330	2,007,469	+17.7						
Injection Molding	101,142	86,550	+16.9	787,257	678,433	+16.0						
Appliances	8,695	6,678	+30.2	69,463	52,386	+32.6						
Consumer Products	23,983	20,416	+17.5	178,542	174,340	+2.4						
Rigid Packaging	28,429	23,835	+19.3	209,830R	208,178	+0.8						
Transportation	25,642	22,398	+14.5	195,347	145,543	+34.2						
All Other Injection Molding	14,393	13,223	+8.8	134,075R	97,986	+36.8						
Blow Molding	7,731	6,765	+14.3	60,328	44,862	+34.5						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	34,901	27,931	+25.0	236,961	200,969	+17.9						
Sheet (Over 10 Mils)	4,015	1,652	+143.0	31,109	15,058	+106.6						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	101,894	80,556	+26.5	776,128	658,487	+17.9						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	11,610	6,825	+70.1	68,422	61,997	+10.4						
Resellers & Compounders	29,106	29,722	-2.1	295,505R	247,195	+19.5						
All Other Uses	22,617	14,037	+61.1	107,620R	100,468	+7.1						

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= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

R = Revision

D = Disclosure

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JULY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	79,563	79,311	+0.3	659,089	556,670	+18.4	78,367	69,165	+13.3	689,138R	541,992	+27.1
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	6,708	6,930	-3.2	57,005R	51,978	+9.7	7,604	8,615	-11.7	71,815R	53,185	+35.0
Total Exports	1,127	1,254	-10.1	7,809	5,894	+32.5						
Total Domestic	5,581	5,676	-1.7	49,196R	46,084	+6.8						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	19,719	15,821	+24.6	145,856	127,948	+14.0	15,211	15,353	-0.9	150,539	123,396	+22.0
Total Export	D	D		D	D							
Total Domestic	19,719	15,821	+24.6	145,856	127,948	+14.0						
Molding & Extrusion	13,962	11,310	+23.4	104,225	92,972	+12.1						
Coatings	5,757	4,511	+27.6	41,631	34,976	+19.0						
POLYSTYRENE RESINS, TOTAL	310,104	263,445	+17.7	2,232,058R	2,048,494	+9.0	323,203	283,467	+14.0	2,207,118R	2,001,607	+10.3
Straight Polystyrene	163,008	135,547	+20.3	1,150,021R	1,056,045	+8.9	164,280	146,852	+11.9	1,138,890R	1,042,533	+9.2
Rubber-Modified Polystyrene	147,096	127,898	+15.0	1,082,037	992,449	+9.0	158,923	136,615	+16.3	1,068,228	959,074	+11.4
Total Exports	8,550	7,426	+15.1	59,451	48,548	+22.5						
Straight Polystyrene	5,985	3,719	+60.9	33,202	24,472	+35.7						
Rubber-Modified Polystyrene	2,565	3,707	-30.8	26,249	24,076	+9.0						
Total Domestic	301,554	256,019	+17.8	2,172,607R	1,999,946	+8.6						
Molding	111,431	111,188	+0.2	844,520	844,719	0.0						
Extrusion	116,426	97,544	+19.4	834,920	698,792	+19.5						
Expandable Polystyrene Beads	42,245	22,065	+91.5	269,643R	256,449	+5.1						
All Other Uses	31,452	25,222	+24.7	223,524	199,986	+11.8						
Polystyrene End Uses, Total**	301,554	256,019	+17.8	2,172,607R	1,999,946	+8.6						
Packaging	76,107	66,292	+14.8	554,997	509,667	+8.9						
Disposables	41,812	38,703	+8.0	313,137	251,672	+24.4						
Consumer and Institutional Products	44,312	45,311	-2.2	317,700	320,554	-0.9						
Electrical/Electronics	24,639	16,345	+50.7	166,691	159,644	+4.4						
Furniture, Furnishings, Building & Construction	15,864	12,407	+27.9	103,175	92,463	+11.6						
Expandable Polystyrene Beads	42,245	22,065	+91.5	269,643R	256,449	+5.1						
All Other End Uses	56,575	54,896	+3.1	447,264	409,497	+9.2						

R = Revision
D = Disclosure

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**Portions of the End Use Section are estimated.
Exports are included in Domestic, Total and Molding & Extrusion.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JULY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including butadiene latexes not carboxylated	D	D		D	D		D	D		D	D	
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL***	55,596	53,205	+4.5	435,909R	392,661	+11.0	55,559	52,121	+6.6	434,311R	395,929	+9.7
Paper Treating	1,331	1,618	-17.7	14,253R	16,785	-15.1						
Textile Treating	1,009	1,190	-15.2	8,792	11,724	-25.0						
Carpet Backing	23,228	20,544	+13.1	184,617R	165,699	+11.4						
All Other Uses (Including Exports & Paper Coating)	30,028	29,853	+0.6	228,247R	198,453	+15.0						
NYLON RESINS, TOTAL	30,612	25,812	+18.6	227,231	178,412	+27.4	30,134	23,450	+28.5	245,437R	169,174	+45.1
Total Exports	2,833	2,569	+10.3	14,422	12,908	+11.7						
Total Domestic	27,779	23,243	+19.5	212,809	165,504	+28.6						
Injection Molding Grade	17,779	15,011	+18.4	142,901	104,690	+36.5						
Extrusion Grade	7,817	6,208	+25.9	54,162	48,416	+11.9						
Resellers and Compounders	1,669	1,628	+2.5	11,862	9,077	+30.7						
All Other Uses	514	396	+29.8	3,884	3,321	+17.0						

***Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

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D = Disclosure

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

JULY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	471,549	436,752	+8.0	3,908,072R	3,694,951	+5.8	443,841	527,596	-15.9	3,931,495R	3,602,343	+9.1
Homopolymer Resins Including Blending & Latex	424,090	397,425	+6.7	3,517.322R	3,301,475	+6.5	393,434	486,580	-19.1	3,529,959R	3,239,240	+9.0
Copolymer Resins Including Blending & Latex	20,369	16,112	+26.4	167,854R	163,140	+2.9	23,604	14,958	+57.8	171,479R	151,749	+13.0
Dispersion Resins	27,090	23,215	+16.7	222,896R	230,336	-3.2	26,803	26,058	+2.9	230,057R	211,354	+8.8
Total Exports	16,951	32,220	-47.4	190,723R	313,737	-39.2						
Total Domestic	454,598	404,532	+12.4	3,717,349R	3,381,214	+9.9						
Calendering, Total	50,839	35,715	+42.3	401,104R	408,337	-1.8						
Flooring	12,571	8,955	+40.4	96,986R	90,939	+6.6						
Textile	7,857	7,780	+1.0	59,077	59,351	-0.5						
All Other Calendering Uses	30,411	18,980	+60.2	245,041R	258,047	-5.0						
Coating, Total	24,614	22,084	+11.5	204,696R	208,938	-2.0						
Flooring	9,613	8,763	+9.7	76,890R	88,962	-13.6						
Textile & Paper Coating	7,910	7,463	+6.0	68,151R	66,708	+2.2						
Protective Coatings	2,970	2,866	+3.6	25,779R	25,965	-0.7						
Adhesives & All Other Coating Uses	4,121	2,992	+37.7	33,876R	27,303	+24.1						
Extrusion, Total	289,160	281,562	+2.7	2,431,042R	2,134,416	+13.9						
Wire & Cable	25,958	17,143	+51.4	243,736R	198,571	+22.7						
Film & Sheet	21,419	20,855	+2.7	186,211R	178,400	+4.4						
Rigid Pipe & Tubing (Except Fittings)	185,875	204,540	-9.1	1,610,823R	1,433,095	+12.4						
All Other Extrusions	55,908	39,024	+43.3	390,272R	324,350	+20.3						
Molding, Total	34,589	28,332	+22.1	277,063R	241,098	+14.9						
Bottles	15,617	11,471	+36.1	117,105	85,732	+36.6						
Sound Records	5,891	3,686	+59.8	41,577	47,786	-13.0						
Fittings (Rigid Pipe & Tubing)	7,463	8,967	-16.8	70,769R	61,896	+14.3						
All Other Molding	5,618	4,208	+33.5	47,612R	45,684	+4.2						
Paste Processes (Except Coating)	13,980	10,430	+34.0	104,100R	97,898	+6.3						
Plastisol Formulation	8,543	6,600	+29.4	59,350R	56,709	+4.7						
All Other	5,437	3,830	+42.0	44,750R	41,189	+8.6						
Resellers & Compounders	11,618	12,476	-6.9	101,513R	119,045	-14.7						
All Other Uses	29,798	13,933	+113.9	197,831	171,482	+15.4						

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

JULY 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	55,232	53,067	+4.1	419,133R	398,278	+5.2						
Total Exports	275	447	-38.5	2,191	3,928	-44.2						
Total Domestic	54,957	52,620	+4.4	416,942R	394,350	+5.7						
Emulsion Paints	16,534	16,318	+1.3	125,784R	125,166	+0.5						
Adhesives, Caulks and Sealants	22,151	21,616	+2.5	169,169R	157,547	+7.4						
Paper Treating & Paper Coating	8,811	8,453	+4.2	71,436R	65,825	+8.5						
Textile Treating	2,169	2,189	-0.9	14,439	13,185	+9.5						
Non-Woven Binders	2,693	2,369	+13.7	18,635	17,977	+3.7						
All Other Uses	2,599	1,675	+55.2	17,479	14,650	+19.3						
POLYVINYL ALCOHOL, TOTAL #	11,224	11,146	+0.7	84,934	78,493	+8.2	13,752	14,325	-4.0	88,432	74,380	+18.9
Total Exports	1,931	1,926	+0.3	16,531	13,394	+23.4						
Total Domestic	9,293	9,220	+0.8	68,403	65,099	+5.1						
OTHER VINYL RESINS*, TOTAL	15,952	13,537	+17.8	109,511R	97,535	+12.3	13,870	13,331	+4.0	110,040R	103,090	+6.7
Total Exports	3,739	2,798	+33.6	25,469R	21,653	+17.6						
Total Domestic	12,213	10,739	+13.7	84,042R	75,882	+10.8						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	78,688	65,061	+20.9	492,140	431,095	+14.2	83,970	70,869	+18.5	508,341	435,267	+16.8
Total Exports	9,682	8,440	+14.7	53,749	48,905	+9.9						
Total Domestic	69,006	56,621	+21.9	438,391	382,190	+14.7						
PET Bottle Grades (Carbonated Bottles)	49,445	41,853	+18.1	310,838	285,300	+9.0						
All Other Thermoplastic Polyester**	19,561	14,768	+32.5	127,553	96,890	+31.6						

**Includes All Other PET, Other Bottle Grades, and All Injection Molding Grades
= Includes imputed data

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS	
EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS)	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS

CATEGORY	CODE
Production	P
Domestic Sales	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																			
COMPANY	EPOXY	PY	UREA	MELA	PHEN.	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ACME RESINS					PDE															
ADVANCE COATINGS		PD																		
A & E PLASTICS											PDE									
AIR PRODUCTS & CHEMICALS																PDE	DE	PDE		
ALLIED CORPORATION							PDE								PDE					
ALPHA CHEMICAL CORPORATION		PDE																		
AMERICAN CYANAMID COMPANY			PDE	PDE																
AMERICAN HOECHST CORP.- PLASTICS DIVISION							PDE				PDE									
AMERICAN HOECHST CORP.- SOU-TEX DIVISION				PD	PD															
AMETEK, HAVEG DIVISION					PD															
AMERICAN SYNTHETIC RUBBER												PD								
AMOCO CHEMICAL CORPORATION							PDE	PDE			PDE									
ANDERSON DEVELOPMENT CO.														PD						
ARCO CHEMICAL								PDE			PDE			PDE						
ASHLAND CHEMICAL COMPANY		PDE			PDE															
AZS CORPORATION		PD																		
BADISCHE CORPORATION															PD					
BASF WYANDOTTE											PD									
BELDING CHEMICAL INDUSTRIES															PD					

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																			
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
BENDIX CORPORATION					PD															
BORDEN CHEMICAL COMPANY			PDE	PD	PDE											PDE	D			
BORG-WARNER CHEMICALS, INC.									PDE	PD										
CARGILL, INC.		PD																		
CELANESE CHEMICAL COMPANY																	D			
CELANESE ENGINEERING RESINS	PDE		PD	PD											PDE					PDE
CERTAIN-TEED PRODUCTS CORP.																PD				
CHEMBOND CORPORATION			PD	PD	PDE															
CHEMPLEX COMPANY						PDE	PDE													
CIBA-GEIGY CORP.	PDE																			
COOK PAINT & VARNISH COMPANY		PD																		
COSDEN OIL & CHEMICAL COMPANY											PDE									
CUSTOM RESINS, INC.															PD					
DAN RIVER, INC.			PD																	
DOW CHEMICAL U.S.A.	PDE	PDE				PDE	PDE		PDE	PDE	PDE	PD	PD	PDE					PDE	
E.I. DU PONT DE NEMOURS AND COMPANY						PDE	PDE							PD	PDE			PDE	PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE		PDE												PDE
EL PASO CHEMICAL						PDE		PDE												

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
EXXON CHEMICAL, AMERICAS						PDE	PDE	PDE												
FIRESTONE SYNTHETIC RUBBER & LATEX														PD						
FORMICA CORPORATION				PD	D															
FORMOSA PLASTICS CORPORATION																PD				
FREEMAN CHEMICAL CORPORATION		PD																		
H.B. FULLER COMPANY																	DE			
GAF CORPORATION																				PDE
PLASTICS DEPARTMENT GENERAL ELECTRIC COMPANY																				PDE
GENERAL TIRE & RUBBER												PD	PD			PD				
GEORGIA-PACIFIC CORPORATION			PDE		PDE						PD					PDE				
GLIDDEN COATINGS AND RESINS DIV. OF SCM		PD																		
B.F. GOODRICH CHEMICAL COMPANY										PDE						PDE				
GOODYEAR CHEMICAL DIVISION												PD	PD	PDE		PDE				PDE
DEWEY & ALMY DIVISION W.R. GRACE & COMPANY									PD			PD	PD				D		PDE	
GRIFFTEX CHEMICALS			PD	PD																
GUARDSMAN CHEMICALS, INC.			PD																	

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																			
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
GULF OIL PRODUCTS COMPANY						PDE	PDE	PDE			PDE									
HERCULES, INC.														PDE						
HIMONT USA, INC.							PDE	PDE												
HOECHST FIBERS INDUSTRIES																				PDE
HUNTSMAN CHEMICAL CORPORATION											PD									
ICI AMERICAS		PDE																		
INMONT CORPORATION		PD			PD															
INTERPLASTIC CORPORATION		PD																		
IRONSIDES RESINS, INC.					PD															
KEYSOR-CENTURY CORPORATION																PD				
KOPPERS COMPANY		PD			PDE															
MAPLECHEM, INC.			PD	PD																
MASONITE CORPORATION					PD															
MOBIL CHEMICAL COMPANY						PDE					PDE									
MONSANTO POLYMER PRODUCTS CO.			PDE	PDE					PDE	PDE	PDE			PDE	PDE		DE	PDE	PDE	
MORTON INDUSTRIES													PD						PDE	

SPI

CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																			
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
NATIONAL STARCH & CHEMICALS CORP																	D			
NORTHERN PETROCHEMICAL						PDE		PDE												
NYLON CORP. OF AMERICA															PD					
OCCIDENTAL CHEMICAL CORP					PDE											PDE				
OWENS-CORNING FIBERGLAS		PDE		PD	PD															
PERKINS INDUSTRIES, INC.			PD		PD															
PERSTORP COMPOUNDS, INC			PDE	PD																
PHILLIPS CHEMICAL COMPANY						DE	PDE	PDE						PDE						
PIONEER PLASTICS		PD	PD	PD	PD															
PLASLOK CORPORATION					PD															
PLASTICS ENGINEERING COMPANY					PDE															
PLASTICS MANUFACTURING CO.			PD	PD																
POLYMER APPLICATION, INC.					PD															
POLYREZ COMPANY, INC.					PDE															
POLYSAR LIMITED												PD	PD							
POLYSAR, INC.											PDE									
RAYMARK INDUSTRIES					PD															
REICHHOLD CHEMICALS, INC.	PDE	PDE	PDE	PDE	PDE							PD					D			

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
RILSAN CORPORATION															PDE					
ROGERS CORPORATION					PDE															
ROHM AND HAAS COMPANY														PDE			D		PDE	PD
SHAKESPEARE COMPANY															PD					
SHELL CHEMICAL COMPANY	PDE							PDE												
SHERWIN WILLIAMS		PD																		
SHINTECH, INC																PDE				
SILMAR DIV. OF SOHIO CHEM. CO.		PDE																		
SOLTEX POLYMER CORP.							PDE	PDE												
TENNECO POLYMERS, INC.																PDE				
TEXTYRENE PLASTICS											PD									
UNION CARBIDE CORPORATION	PDE				PDE	PDE	PDE										DE			
UNION CHEMICAL												PD					D		PD	
UNIROYAL CHEMICAL					PDE															
U.S. INDUSTRIAL CHEMICAL						PDE	PDE										D			
USS CHEMICAL		PDE						PDE												
VALCHEM DIV. OF UNITED MERCHANTS, INC.			PD																	
VALITE DIVISION OF VALENTINE SUGARS, INC.					PD															
VANLEER CONTAINERS, INC.					PD															

SPI

SECTION I

CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
VISTA POLYMERS																PDE				
VITITEK											PD									
WELLMAN, INC.															PDE					
TOTAL 106	6	19	16	14	28	12	13	12	4	4	15	8	6	10	11	13	12	3	7	8

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The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

355 Lexington Avenue
New York, New York 10017
(212) 573-9400

FOR THE MONTH AND PERIOD ENDED AUGUST, 1984

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

1984 ISSUE NO. 8

RELEASE DATE: OCTOBER 12, 1984

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

**SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY**

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The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

SPI **SECTION I** **CRS**

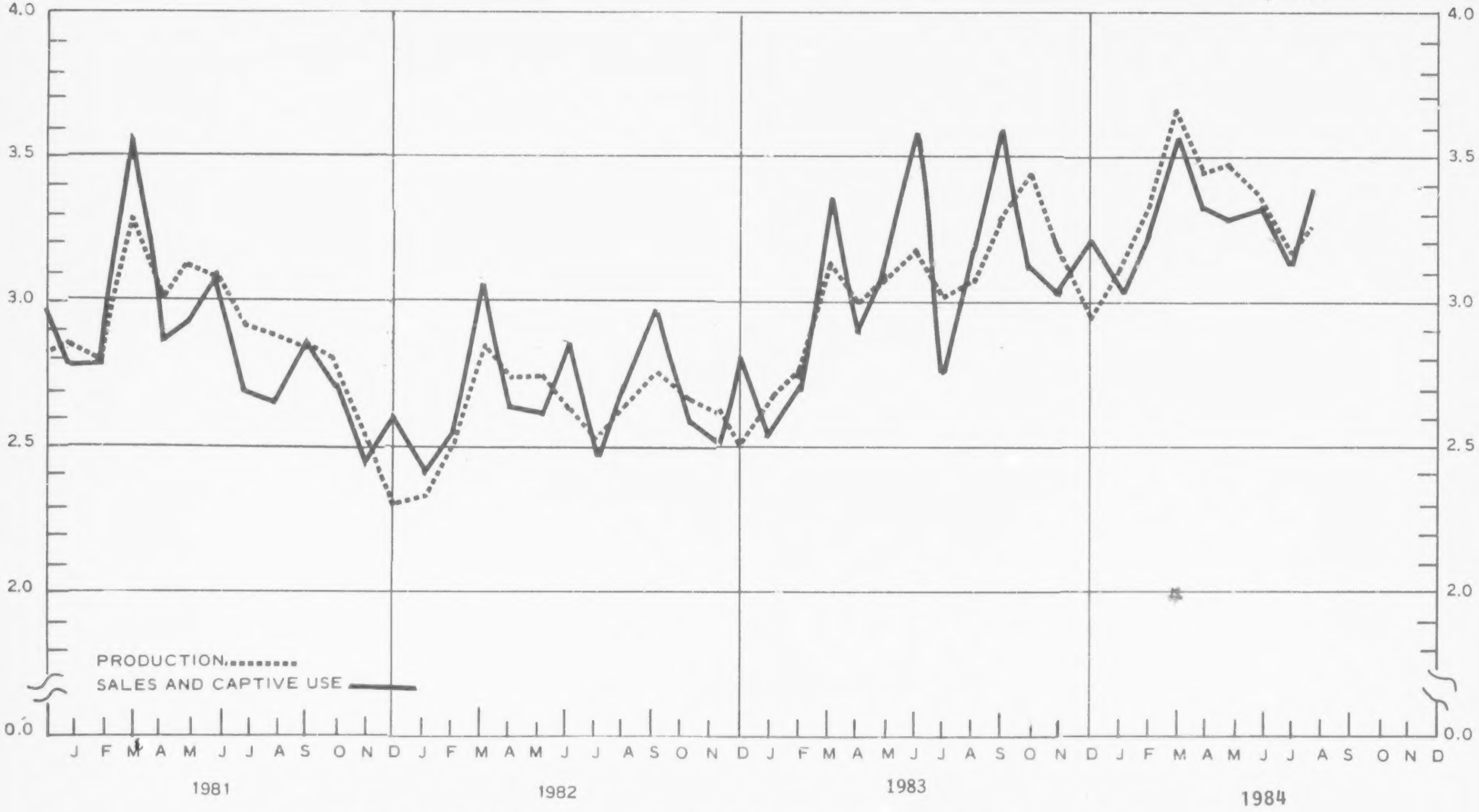
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

AUGUST, 1984



COMPILED BY **ERNST & WHINNEY**, NEW YORK, N. Y. FOR **SPI'S COMMITTEE ON RESIN STATISTICS (CRS).**

SPI

CRS

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

AUGUST 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	32,417	33,097	-2.1	263,993R	217,082	+21.6	23,149	22,717	+1.9	260,777R	219,532	+18.8
POLYESTER (UNSATURATED) RESINS, TOTAL	108,172	97,347	+11.1	846,281	704,360	+20.1	106,294	98,733	+7.7	852,724	715,050	+19.3
UREA RESINS, TOTAL	94,698	99,866	-5.2	802,575R	772,643	+3.9	94,693	99,218	-4.6	808,943R	775,604	+4.3
MELAMINE RESINS, TOTAL	17,484	17,049	+2.6	135,280R	118,583	+14.1	15,534	16,282	-4.6	139,917R	119,526	+17.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	208,516	228,382	-8.7	1,715,629R	1,651,550	+3.9	206,809	225,852	-8.4	1,698,537R	1,615,559	+5.1
THERMOSETTING RESINS, TOTAL	461,287	475,741	-3.0	3,763,758R	3,464,218	+8.6	446,479	462,802	-3.5	3,760,898R	3,445,271	+9.2
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	718,104	662,178	+8.4	5,394,448R	5,170,701	+4.3	668,327	652,089	+2.5	5,639,338R	5,256,972	+7.3
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	554,336	496,683	+11.6	3,909,435R	3,690,861	+5.9	464,976	473,074	-1.7	4,063,422R	3,708,202	+9.6
POLYPROPYLENE, TOTAL	423,477	383,875	+10.3	3,172,012R	2,850,425	+11.3	422,686	350,792	+20.5	3,312,278R	2,844,559	+16.4
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	82,978	96,707	-14.2	742,067	653,377	+13.6	88,579	82,359	+7.6	768,966R	624,351	+23.2
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,024	8,301	-3.3	64,157R	60,279	+6.4	9,162	8,519	+7.5	68,901R	61,704	+11.7
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	17,715	21,260	-16.7	160,542R	149,208	+7.6	23,345	13,320	+75.3	170,855R	136,716	+25.0
POLYSTYRENE, TOTAL	341,832	330,555	+3.4	2,576,426R	2,379,049	+8.3	307,168	287,308	+6.9	2,516,822R	2,288,915	+10.0
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	68,098	65,599	+3.8	503,808R	458,260	+9.9	65,217	62,816	+3.8	498,832R	458,745	+8.7
NYLON RESINS, TOTAL	34,562	26,830	+19.9	261,793	207,242	+26.3	32,283	28,661	+12.6	277,720R	197,835	+40.4
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	528,596	471,698	+12.1	4,432,391R	4,166,649	+6.4	589,102	511,824	+15.1	4,516,320R	4,114,167	+9.8
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	58,543	61,526	-4.8	477,676	459,804	+3.9	* 58,543	* 61,526	-4.8	* 477,676	* 459,804	+3.9
POLYVINYL ALCOHOL, TOTAL #	10,272	11,970	-14.2	95,206	90,463	+5.2	6,993	10,241	-31.7	95,425	84,621	+12.8
OTHER VINYL RESINS, TOTAL	11,912	15,387	-22.6	121,423R	112,922	+7.5	13,171	16,666	-21.0	124,147R	119,756	+3.7
THERMOPLASTIC POLYESTER, TOTAL	71,345	68,616	+4.0	563,485	499,711	+12.8	73,816	66,305	+11.3	582,357	501,572	+16.1
THERMOPLASTIC RESINS, TOTAL	2,929,794	2,723,185	+7.6	22,474,869R	20,948,951	+7.3	2,823,368	2,625,500	+7.5	23,113,059R	20,857,919	+10.8
GRAND TOTAL	3,391,081	3,198,926	+6.0	26,238,627R	24,413,169	+7.5	3,269,847	3,088,302	+5.9	26,873,957R	24,303,190	+10.6

(1) = Except phenolic resins which are reported on a gross weight basis

(4) = Includes Styrene Butadiene Latexes
= Includes imputed data

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

PVAc includes some estimated data.

SPI

CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In metric tons, dry weight basis)(1)

AUGUST 1984

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	14,704	15,013	-2.1	119,746R	98,468	+21.6	10,500	10,304	+1.9	118,288R	99,579	+18.8
POLYESTER (UNSATURATED) RESINS, TOTAL	49,066	44,156	+11.1	383,870	319,496	+20.1	48,215	44,785	+7.7	386,793	324,345	+19.3
UREA RESINS, TOTAL	42,955	45,299	-5.2	364,046R	350,469	+3.9	42,952	45,006	-4.6	366,934R	351,812	+4.3
MELAMINE RESINS, TOTAL	7,931	7,733	+2.6	61,363R	53,789	+14.1	7,046	7,385	-4.6	63,466R	54,217	+17.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	94,582	103,593	-8.7	778,204R	749,137	+3.9	93,809	102,446	-8.4	770,451R	732,812	+5.1
THERMOSETTING RESINS, TOTAL	209,238	215,794	-3.0	1,707,229R	1,571,359	+8.6	202,522	209,926	-3.5	1,705,932R	1,562,765	+9.2
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	325,730	300,362	+8.4	2,446,906R	2,345,415	+4.3	303,151	295,786	-2.5	2,557,987R	2,384,547	+7.3
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	251,445	225,294	+11.6	1,773,308R	1,674,164	+5.9	210,912	214,585	-1.7	1,843,156R	1,682,029	+9.6
POLYPROPYLENE, TOTAL	192,088	174,125	+10.3	1,438,815R	1,292,944	+11.3	191,729	159,118	+20.5	1,502,439R	1,290,283	+16.4
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	37,639	43,866	-14.2	336,599	296,370	+13.6	40,179	37,358	+7.6	348,802R	283,204R	+23.2
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	3,640	3,765	-3.3	29,102R	27,343	+6.4	4,156	3,864	+7.5	31,254R	27,989	+11.7
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	8,035	9,643	-16.7	72,821R	67,680	+7.6	10,589	6,042	+75.3	77,499R	62,014	+25.0
POLYSTYRENE, TOTAL	155,054	149,939	+3.4	1,168,659R	1,079,129	+8.3	139,330	130,322	+6.9	1,141,623R	1,038,245	+10.0
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including styrene butadiene latexes not carboxylated (4)	30,889	29,755	+3.8	228,526R	207,865	+9.9	29,582	28,493	+3.8	226,269	208,085	+8.7
NYLON RESINS, TOTAL	15,677	13,077	+19.9	118,749	94,004	+26.3	14,643	13,000	+12.6	125,973	89,737	+40.4
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	239,770	213,962	+12.1	2,010,520R	1,889,979	+6.4	267,215	232,162	+15.1	2,048,589	1,866,174	+9.8
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	26,555	27,908	-4.8	216,672	208,566	+3.9	* 26,555	* 27,908	-4.8	* 216,672	* 208,566	-9.8
POLYVINYL ALCOHOL, TOTAL #	4,659	5,430	-14.2	43,185	41,034	+5.2	3,173	4,645	-31.7	43,284	38,383	+12.8
OTHER VINYL RESINS, TOTAL	5,403	6,979	-22.6	55,077	51,221	+7.5	5,974	7,560	-21.0	56,313	54,322	+3.7
THERMOPLASTIC POLYESTER, TOTAL	32,362	31,124	+4.0	255,595	226,668	+12.8	33,483	30,076	+11.3	264,155	227,512	+16.1
THERMOPLASTIC RESINS, TOTAL	1,328,946	1,235,229	+7.6	10,194,534R	9,502,382	+7.3	1,280,671	1,190,919	+7.5	10,484,015R	9,461,090	+10.8
GRAND TOTAL	1,538,184	1,451,023	+6.0	11,901,763R	11,073,741	+7.5	1,483,193	1,400,845	+5.9	12,189,947R	11,023,855	+10.6

(1) = Except phenolic resins which are reported on a gross weight basis

(4) = Includes Styrene Butadiene Latexes
= Includes imputed data

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

*These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

PVAc includes some estimated data.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

AUGUST 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
EPOXY RESINS, TOTAL	32,417	33,097	-2.1	263,993 R	217,082	+21.6	23,149	22,717	+1.9	260,777R	219,532	+18.8
Total Exports	2,971	3,389	-12.3	28,261R	23,108	+22.3						
Total Domestic	29,446	29,708	-0.9	235,732R	193,974	+21.5						
Bonding & Adhesives	1,578	1,573	+0.3	13,469R	10,889	+23.7						
Flooring, Paving & Exposed Aggregate	1,275	1,983	-35.7	11,830R	12,150	-2.6						
Protective Coatings	14,015	12,383	+13.2	107,417R	86,240	+24.6						
Fiber Reinforced Laminates & Composites, Total	7,908	7,845	+0.8	62,498R	46,188	+35.3						
FRL&C for Printed Wiring Board	5,528	5,689	-2.8	44,368R	33,281	+33.3						
All Other FRL&C	2,380	2,156	+10.4	18,130R	12,907	+40.5						
Tooling, Casting & Molding Resinc	2,316	2,960	-21.8	21,165R	18,307	+15.6						
All Other Uses	2,354	2,964	-20.6	19,353R	20,200	-4.2						
POLYESTER (UNSATURATED) RESINS, TOTAL	108,172	97,347	+11.1	846,281	704,360	+20.1	106,294	98,733	+7.7	852,724	715,050	+19.3
Total Exports	624	939	-33.5	5,639	7,046	-20.0						
Total Domestic	107,548	96,408	+11.6	840,642	697,314	+20.6						
General Purpose Resins, Total	95,337	86,695	+10.0	754,872	623,086	+21.2						
General Purpose – Thixotropic	42,786	41,188	+3.9	342,801	292,426	+17.2						
General Purpose – Press Molding	14,441	13,023	+10.9	127,605	88,683	+43.9						
General Purpose – All Other	38,110	32,484	+17.3	284,466	241,977	+17.6						
Flame Retardant Resins	2,315	1,639	+41.2	15,219	12,795	+18.9						
Chemical Resistant Resins	9,896	8,074	+22.6	70,551	61,433	+14.8						
Chemical Resistant Isophthalic Resins	7,032	4,993	+40.8	48,979	41,091	+19.2						
All Other Chemical Resistant Resins	2,864	3,081	-7.0	21,572	20,342	+6.0						
Reinforced Plastics, Total	81,854	73,389	+11.5	646,048	536,669	+20.4						
Non-Reinforced Plastics, Total	25,694	23,019	+11.6	194,594	160,645	+21.1						

R = Revision

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)(1)

THERMOSETTING RESINS

AUGUST 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
UREA RESINS, TOTAL	94,698	99,866	-5.2	802,575R	772,643	+3.9	94,693	99,218	-4.6	808,943R	775,604	+4.3
MELAMINE RESINS, TOTAL	17,484	17,049	+2.6	135,280R	118,583	+14.1	15,534	16,282	-4.6	139,917R	119,526	+17.1
UREA & MELAMINE RESINS, TOTAL	112,182	116,915	-4.0	937,855R	891,226	+5.2	110,227	115,500	-4.6	948,860R	895,130	+6.0
Total Exports	D	D		D	D							
Total Domestic *	112,182	116,915	-4.0	937,855R	891,226	+5.2						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	8,288	6,671	+24.2	67,907	47,164	+44.0	8,171	6,988	+16.9	70,831	57,032	+24.2
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	82,579	87,493	-5.6	703,553R	672,127	+4.7	83,299	87,826	-5.2	709,841R	678,735	+4.6
Laminating	3,559	3,378	+5.4	29,148	26,222	+11.2	3,512	3,450	+1.8	30,151	26,317	+14.6
Plywood	4,715	5,494	-14.2	38,370	41,489	-7.5	4,739	5,399	-12.2	39,480R	42,090	-6.2
Fibrous & Granulated Wood (Particle Board)	74,305	78,621	-5.5	636,035R	604,416	+5.2	75,048	78,977	-5.0	640,210R	610,328	+4.9
Protective Coatings (Straight & Modified)	7,416	8,161	-9.1	57,849R	51,480	+12.4	7,144	7,751	-7.8	70,792R	58,327	+21.4
All Other Uses (Includes Textile Treating & Coating Resins, Molding Compounds, and Exports)	13,899	14,590	-4.7	108,546	120,455	-9.9	11,613	12,935	-10.2	97,396	101,036	-3.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	208,514	228,382	-8.7	1,715,629R	1,651,550	+3.9	206,809	225,852	-8.4	1,698,537R	1,615,559	+5.1
Total Exports	5,844	1,866	+213.2	27,584R	15,647	+76.3						
Total Domestic	202,672	226,516	-10.5	1,688,045R	1,635,903	+3.2						
Molding Compounds	19,888	21,941	-9.4	168,166R	147,817	+13.8	23,038	24,391	-5.5	187,028R	168,928	+10.7
Bonding & Adhesive Resins for:	178,181	200,985	-11.3	1,483,968R	1,456,429	+1.9	178,730	197,756	-9.6	1,473,100R	1,414,690	+4.1
Laminating	10,184	13,377	-23.9	101,373R	109,042	-7.0	9,374	11,977	-21.7	88,396R	91,964	-3.9
Coated & Bonded Abrasives	1,347	2,346	-42.6	15,583R	17,944	-13.2	1,446	2,157	-33.0	15,720R	17,403	-9.7
Friction Materials	3,366	3,223	+4.4	25,623R	20,548	+24.7	3,382	3,123	+8.3	25,305R	20,123	+25.8
Insulation Materials	22,706	34,501	-34.2	215,847R	219,410	-1.6	22,997	33,124	-30.6	213,720R	207,464	+3.0
Foundry & Shell Molding	7,380	5,928	+24.5	54,186R	44,553	+21.6	7,649	6,091	+25.6	56,085	45,764	+22.6
Plywood	110,392	117,590	-6.1	884,389	865,545	+2.2	110,532	117,448	-5.9	878,938	852,187	+3.1
Fibrous & Granulated Wood	15,541	15,404	+0.9	125,757	124,781	+0.8	15,449	15,030	+2.8	125,782	121,929	+3.2
Resins Sold to Rubber Industry	2,241	2,892	-22.5	20,695	17,467	+18.5	2,435	3,373	-27.8	23,237R	19,288	+20.5
All Other	5,024	5,724	-12.2	40,515R	37,139	+9.1	5,466	5,433	+0.6	45,917	38,568	+19.1
Protective Coatings – Unmodified & Modified	1,742	1,619	+7.6	14,899R	12,359	+20.6	2,280	1,663	+37.1	17,098	12,694	+34.7
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	2,861	1,971	+45.2	21,012	19,298	+8.9	2,761	2,042	+35.2	21,311	19,247	+10.7

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

= Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

D = Disclosure

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

AUGUST 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	718,104	662,178	+8.4	5,394,448R	5,170,701	+4.3	668,327	652,089	+2.5	5,639,338R	5,256,972	+7.3
Total Exports	85,340	63,041	+35.4	578,531R	618,798	-6.5						
Total Domestic	632,764	599,137	+5.6	4,815,917R	4,551,903	+5.8						
Film (12 Mils & Below)	394,724	394,597	0.0	2,991,786R	2,935,933	+1.9						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	48,579	57,964	-16.2	410,691R	429,508	-4.4						
Wire & Cable	33,435	22,600	+47.9	254,555R	158,935	+28.0						
Extrusion Coating	50,564	47,880	+5.6	429,323R	368,932	+16.4						
Blow Molding	4,070	4,518	-9.9	31,684R	27,6.3	+14.5						
Pipe & Conduit, Total	1,093	1,314	-16.8	18,899R	16,089	+17.5						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	7,691	7,146	+7.6	53,941R	56,892	-5.2						
All Other Uses	92,608	63,118	+46.7	625,038R	517,936	+20.7						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	554,336	496,683	+11.6	3,909,435R	3,690,861	+5.9	464,976	473,074	-1.7	4,063,422R	3,708,202	+9.6
Total Exports	64,138	90,719	-29.3	456,863	670,773	-31.9						
Total Domestic	490,198	405,964	+20.7	3,452,572R	3,020,088	+14.3						
Film (12 Mils & Below)	33,203	34,906	-4.9	232,460R	251,348	-7.5						
Sheet (Over 12 Mils)	8,778	6,529	+34.4	75,101R	48,675	+54.3						
Injection Molding	109,074	98,103	+11.2	804,971R	754,337	+6.7						
Wire & Cable	11,229	8,065	+39.2	81,728R	72,166	+13.3						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	190,393	153,614	+23.9	1,375,345R	1,152,542	+19.3						
Pipe & Conduit, Total	45,565	46,856	-2.8	316,382R	307,040	+3.0						
Corrugated Pipe & Conduit	14,582	29,878	-51.2	92,273	141,215	-34.7						
Non-Corrugated Pipe & Conduit	30,983	16,978	+82.5	224,109R	165,825	+35.1						
Other Extruded Products	4,966	3,762	+32.0	29,547R	25,475	+16.0						
All Other Uses	86,990	54,129	+60.7	537,038R	408,505	+31.5						

D = Disclosure
(2) = Included in Other Extruded Products
(3) = Included in Film
R = Revision

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

AUGUST 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYPROPYLENE, TOTAL	423,477	383,875	+10.3	3,172,012R	2,850,425	+11.3	422,686	350,792	+20.5	3,312,278R	2,844,559	+16.4
Total Exports	64,561	68,873	-6.3	460,591R	527,954	-12.8						
Total Domestic	358,916	315,002	+13.9	2,711,421R	2,322,471	+16.7						
Injection Molding	110,160	104,588	+5.3	893,691R	783,021	+14.1						
Appliances	9,611	8,526	+12.7	78,717R	60,912	+29.2						
Consumer Products	23,796	25,598	-7.0	201,192R	199,938	+0.6						
Rigid Packaging	32,446	27,421	+18.3	249,724R	235,599	+6.0						
Transportation	28,286	26,375	+7.2	223,436R	171,918	+30.0						
All Other Injection Molding	16,021	16,668	-3.9	140,622R	114,654	+22.6						
Blow Molding	10,405	9,527	+9.2	71,056R	54,389	+30.6						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	33,344	31,511	+5.8	269,615R	232,480	+16.0						
Sheet (Over 10 Mils)	4,891	3,509	+39.4	36,000	18,567	+93.9						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	126,879	104,990	+20.8	901,679R	763,477	+18.1						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	9,934	6,655	+49.3	76,873R	68,652	+12.0						
Resellers & Compounders	40,416	35,731	+13.1	350,598R	282,926	+23.9						
All Other Uses	22,887	18,491	+23.8	111,909R	118,959	-5.9						

Compiled by ERNST & WHINNEY, New York, N.Y., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

R = Revision

D = Disclosure

SPI

CRS

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

AUGUST 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	82,978	96,707	-14.2	742,067	653,377	+13.6	88,579	82,359	+7.6	768,966R	624,351	+23.2
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,024	8,301	-3.3	64,157R	60,279	+6.4	9,162	8,519	+7.5	68,901R	61,704	+11.7
Total Exports	1,080	1,245	-13.3	8,889	7,139	+24.5						
Total Domestic	6,944	7,056	-1.6	55,268R	53,140	+4.0						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	17,715	21,260	-16.7	160,542R	149,208	+7.6	23,345	13,320	+75.3	170,855R	136,716	+25.0
Total Export	D	D		D	D							
Total Domestic	17,715	21,260	-16.7	160,542R	149,208	+7.6						
Molding & Extrusion	12,868	15,895	-19.0	116,547	108,867	+7.1						
Coatings	4,847	5,365	-9.7	43,995R	40,341	+9.1						
POLYSTYRENE RESINS, TOTAL	341,832	330,555	+3.4	2,576,426R	2,379,049	+8.3	307,168	287,308	+6.9	2,516,822R	2,288,915	+10.0
Straight Polystyrene	180,361	171,138	+5.4	1,332,918R	1,227,183	+8.6	169,973	138,835	+22.4	1,311,399R	1,181,368	+11.0
Rubber-Modified Polystyrene	161,471	159,417	+1.3	1,243,508	1,151,866	+8.0	137,195	148,473	-7.6	1,205,423	1,107,547	+8.8
Total Exports	7,618	6,062	+25.7	67,069	54,610	+22.8						
Straight Polystyrene	3,885	2,737	+41.9	37,087	27,209	+36.3						
Rubber-Modified Polystyrene	3,733	3,325	+12.3	29,982	27,401	+9.4						
Total Domestic	334,214	324,493	+3.0	2,509,357R	2,324,439	+8.0						
Molding	124,293	149,386	-16.8	968,813	994,105	-2.5						
Extrusion	128,753	110,319	+16.7	966,209R	809,111	+19.4						
Expandable Polystyrene Beads	45,381	35,824	+26.7	315,024	292,273	+7.8						
All Other Uses	35,787	28,964	+23.6	259,311	228,950	+13.3						
Polystyrene End Uses, Total**	334,214	324,493	+3.0	2,509,357R	2,324,439	+8.0						
Packaging	80,498	87,267	-7.8	635,495	596,934	+6.5						
Disposables	47,262	40,661	+16.2	362,935R	292,333	+24.2						
Consumer and Institutional Products	50,493	62,245	-18.9	368,193	382,799	-3.8						
Electrical/Electronics	29,152	22,961	+27.0	195,843	182,605	+7.2						
Furniture, Furnishings, Building & Construction	18,048	14,402	+25.3	121,223	106,865	+13.4						
Expandable Polystyrene Beads	45,381	35,824	+26.7	315,024	292,273	+7.8						
All Other End Uses	63,380	61,133	+3.7	510,644	470,630	+8.5						

R = Revision
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**Portions of the End Use Section are estimated.

Exports are included in Domestic, Total and Molding and Extrusion.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

AUGUST 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
STYRENE BUTADIENE LATEXES, TOTAL Carboxylated, 45% styrene content and over	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL 50% or more styrene including butadiene latexes not carboxylated	D	D		D	D		D	D		D	D	
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL***	68,098	65,599	+3.8	503,808R	458,260	+9.9	65,217	62,816	+3.8	498,832R	458,745	+8.7
Paper Treating	1,629	2,374	-31.4	16,242R	19,159	-15.2						
Textile Treating	1,384	1,767	-21.7	10,187R	13,491	-24.5						
Carpet Backing	29,323	29,011	+1.1	213,942R	194,710	+9.9						
All Other Uses (Including Exports & Paper Coating)	35,762	32,447	+10.2	263,437R	230,900	+14.1						
NYLON RESINS, TOTAL	34,562	28,830	+19.9	261,793	207,242	+26.3	32,283	28,661	+12.6	277,720R	197,835	+40.4
Total Exports	2,567	2,013	+27.5	16,989	14,921	+13.9						
Total Domestic	31,995	26,817	+19.3	244,804	192,321	+27.3						
Injection Molding Grade	20,437	17,309	+18.1	163.338	121,999	+33.9						
Extrusion Grade	9,198	7,624	+20.6	63,360	56,040	+13.1						
Resellers and Compounders	1,832	1,322	+38.6	13,694	10,399	+31.7						
All Other Uses	528	562	-6.0	4,412	3,883	+13.6						

***Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

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THERMOPLASTIC RESINS

AUGUST 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	528,596	471,698	+12.1	4,432,391R	4,166,649	+6.4	589,102	511,824	+15.1	4,516,320R	4,114,167	+9.8
Homopolymer Resins Including Blending & Latex	470,670	418,530	+12.5	3,983,715R	3,720,005	+7.1	535,375	450,416	+18.9	4,061,057R	3,689,656	+10.1
Copolymer Resins Including Blending & Latex	24,465	22,567	+8.4	188,598R	185,707	+1.6	24,220	24,141	+0.3	191,529R	175,890	+8.9
Dispersion Resins	33,461	30,601	+9.3	260,078R	260,937	-0.3	29,507	37,267	-20.8	263,734R	248,621	+6.1
Total Exports	31,532	41,350	-23.7	222,255R	355,087	-37.4						
Total Domestic	497,064	430,348	+15.5	4,210,136R	3,811,562	+10.5						
Calendering, Total	49,088	56,238	-12.7	450,192R	464,575	-3.1						
Flooring	16,377	13,207	+24.0	113,363R	104,146	+8.9						
Textile	5,841	8,737	-33.1	64,918	68,088	-4.7						
All Other Calendering Uses	26,870	34,294	-21.6	271,911R	292,341	-7.0						
Coating, Total	28,512	27,020	+5.5	233,208R	235,958	-1.2						
Flooring	10,589	9,613	+10.2	87,479R	98,575	-11.3						
Textile & Paper Coating	9,573	9,930	-3.6	77,724R	76,638	+1.4						
Protective Coatings	3,274	4,016	-18.5	29,053R	29,981	-3.1						
Adhesives & All Other Coating Uses	5,076	3,461	+46.7	38,952R	30,764	+26.6						
Extrusion, Total	333,639	264,965	+25.9	2,761,609R	2,399,381	+15.1						
Wire & Cable	35,652	26,994	+32.1	279,388R	225,565	+23.9						
Film & Sheet	28,560	22,439	+27.3	214,771R	200,839	+6.9						
Rigid Pipe & Tubing (Except Fittings)	217,966	166,063	+31.3	1,825,717R	1,599,158	+14.2						
All Other Extrusions	51,461	49,469	+4.0	441,733R	373,819	+18.2						
Molding, Total	31,713	32,089	-1.2	307,571R	273,187	+12.6						
Bottles	14,269	12,189	+17.1	131,374	97,921	+34.2						
Sound Records	5,808	5,571	+4.3	47,385	53,357	-11.2						
Fittings (Rigid Pipe & Tubing)	4,922	8,234	-40.2	74,486R	70,130	+6.2						
All Other Molding	6,714	6,095	+10.2	54,326R	51,779	+4.9						
Paste Processes (Except Coating)	14,829	11,459	+29.4	118,929R	109,357	+8.8						
Plastisol Formulation	7,928	6,953	+14.0	67,278R	63,662	+5.7						
All Other	6,901	4,506	+53.2	51,651R	45,695	+13.0						
Resellers & Compounders	11,059	15,347	-27.9	112,572R	134,392	-16.2						
All Other Uses	28,224	23,230	+21.5	226,055	194,712	+16.1						

PVC does not include imports.

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SECTION I

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

AUGUST 1984

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change	1984	1983	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	58,543	61,526	-4.8	477,676	459,804	+3.9						
Total Exports	275	470	-41.5	2,466	4,398	-43.9						
Total Domestic	58,268	61,056	-4.6	475,210	455,406	+4.3						
Emulsion Paints	17,230	20,649	-16.6	143,014	145,815	-1.9						
Adhesives, Caulks and Sealants	22,976	22,674	+1.3	192,145	180,221	+6.6						
Paper Treating & Paper Coating	10,119	10,083	+0.4	81,555	75,908	+7.4						
Textile Treating	2,685	1,441	+86.3	17,124	14,626	+17.1						
Non-Woven Binders	2,862	2,832	+1.1	21,497	20,809	+3.3						
All Other Uses	2,396	3,377	-29.0	19,875	18,027	+10.3						
POLYVINYL ALCOHOL, TOTAL #	10,272	11,970	-14.2	95,206	90,463	+5.2	6,993	10,241	-31.7	95,425	84,621	+12.8
Total Exports	1,701	1,682	+1.1	18,232	15,076	+20.9						
Total Domestic	8,571	10,288	-16.7	76,974	75,387	+2.1						
OTHER VINYL RESINS*, TOTAL	11,912	15,387	-22.6	121,423R	112,922	+7.5	13,171	16,666	-21.0	124,147R	119,756	+3.7
Total Exports	2,061	3,327	-38.1	27,530R	24,980	+10.2						
Total Domestic	9,851	12,060	-18.3	93,893R	87,942	+6.8						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	71,345	68,616	+4.0	563,485	499,711	+12.8	73,816	66,305	+11.3	582,357	501,572	+16.1
Total Exports	8,256	8,615	-4.2	62,005	57,520	+7.8						
Total Domestic	63,089	60,001	+5.1	501,480	442,191	+13.4						
PET Bottle Grades (carbonated bottles)	41,943	43,632	-3.9	352,781	328,932	+7.3						
All Other Thermoplastic Polyester**	21,146	16,369	+29.2	148,699	113,259	+31.3						

**Includes All Other Pet, Other Bottle grades, and all Injection Molding grades

= Includes imputed data

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Vinyl Acetate Monomer for Polyvinyl Acetate includes some estimated data.